

Vancouver Osland, B. C.

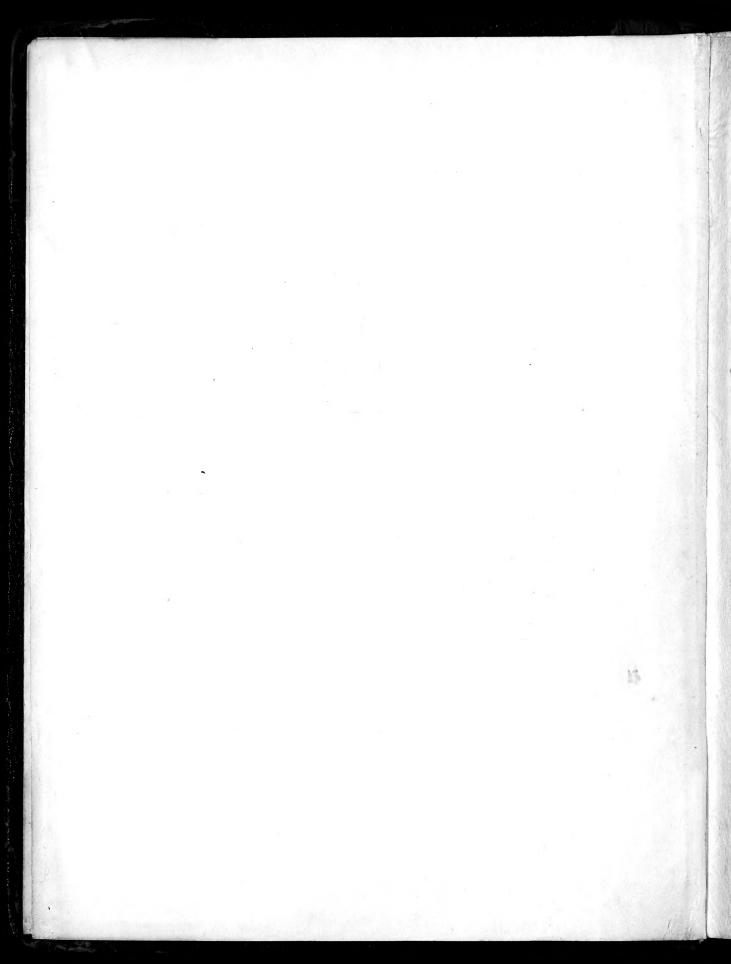
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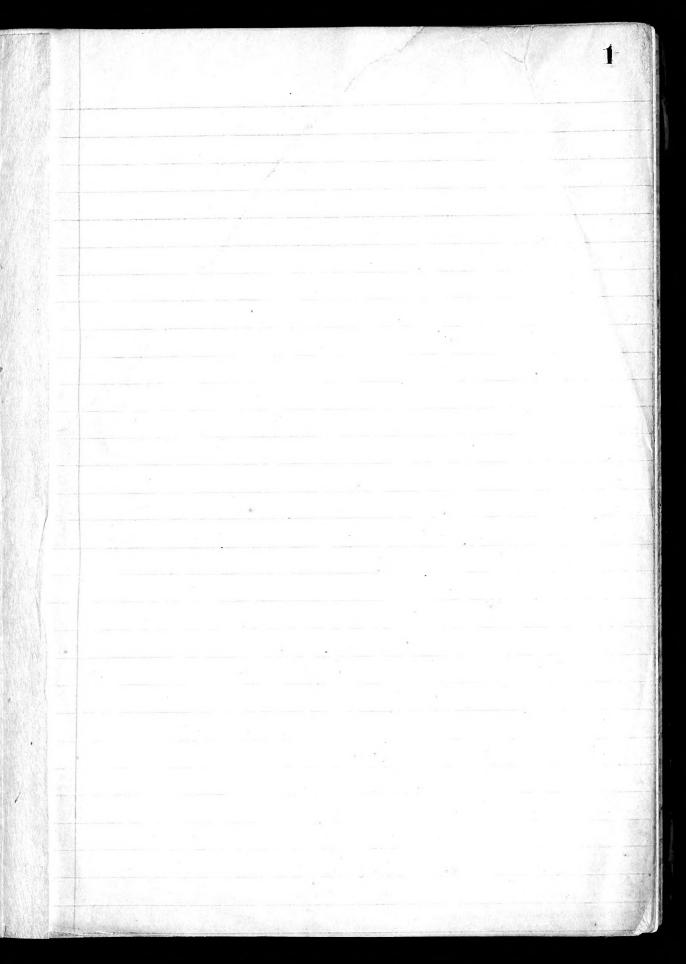
R. C. andrews am. museum naturis Utritory new York City

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TOTAL TOT

15 mil fine top of bottle = 4 dries on 1/2 of 1 ,219 22 officy





april 25-1908 Say il left new york at 8,58 a.m. on the N. M. Central R. R. Your the Harlem Station a slight rain was falling which continued after more - by H. Fo P.M. The sun had broken their the clouds and the beautiful sunset gave promise of a perfect day on the shorrow, The filet fact of my try from new forth to belliony, was along the shores of the Hulson Riter, which the always Lantiful but today particularly so The water; they gradually have the confied, The bases of the mount ains, beautique in soft towner of brown and purple, were reflected in there water et in a minton, The farent There have only just begins to but but the purposelleurs are out and the grado is decemperhere of the most intelise a reen! I saw of few decha in a marker the East sile of the tracks and one on the Huldon ; Cours ossifaagua we plutiful along the river, and flooling of what which he buscoline

greacola There also seen , a hawk,

pulchely airended bud aming alighted for a feel near the too dies.

Thou all any the country was a hiele and for him the lewlonds. The hours of gerps of the surampho and here a hiele with great a hiele with great a hiele of the surampho and the suram

Sim. Ofr 26 worming to fried how furthers megetalion lat progreshed in Leturis & reistantsju han in the East, The forest these wereholdtud bloomt. Fast year when is tuf new york a former the offense conditioned existing, for the thring was decededly more advanced dong the sea coart. In a pour, a few miles below Crystal Lake, a el, e 2 and from the thank are Orlymens of & There or the wish his the water which I take it ower of the same genes, However the with we to short for poorts identified

apr 30/08 I left Below Wessensin at 8.10 P.M In to Janusmille where it earght John 9. 15- P.M. trani for H. Paul, du birds were to be seen. The first thing I heard when awaking Monday morning was the familiai call of the Flicker (Colafites Il saw many thinney Sweft's (Chaetiera felagila) a feeb Red headed Kingbirds (Tyrahum tyrannes), melastinga fariate and one or ten anas she may 2 tos eleft mineapolis last night at 10.40 on the northern Pacific. It was a little rain, some henshine + oceas unial fluries of snow. In the Q.M. I met one of my college friends and we were alex to minne ha he ralls + from there to Fort Duelling. the & latter place as we have you siderable yological material from there cocketed by Dr. E. a. meaning when he was stationed at the fart. This morning when I awoke, I fund we lead passed through the state of mune.

and were well sisto nout Dohola Mile after mile of wheat dand could be seen from the train where unvert planger were at work cultivaling, I Thave as yet seen only one of the steam floughts, for most of them were haven by fire, sex verent houses. Moro, at 10 oclock, we are passing through rolling prasing, stretching as for as that Eye care reach in Evely disection, Here + there a for house way be seen, our on the brank prairie, or perhaps westled into the ride of a Active hiel or gulley Occasionally, a lette tour, counting of a ralow, a gereral store a a few houses, well time iner view, Thise took Towns seem to have no partiever reason for their exertentse at that shot, but like Topsy" to have just growed" - In spile planes the certral part) very little of the land news to be under cuttivation it being mostly used for pasture have seen shallows frouds in which were flools of blueles and on the margens a few spelces legs

or Southepers. Of times also, a large hawk will come with view circling uf 4 uf mill it becomes a mere speak in the enterise blue of the kky above. It is a beautiful right to seel die brains, rich in blanging tones of brains & green skilding away for either state of the trains, ast dotted here & there by here's of cattle, or perliages a fforth a sheep. at takes beft a slight all amount of imagination to believe that they are the fast remains of the great herds buffals which whee showed there wery places. In most places nortatree es in sight, the longraches of prairie being brother my by ferred Job a settles caben djust raw ton Bitternes; probably Botarus lapitiqueous fly up find a little marsh & a great flock of black bires which certied to be low birds afternoon we have been passeng there they bad-lands of M. Dopote & Montania The scenery of course charged radically as sort as we struck this section of the country. at first only sough Correcal bretter would not from

the flam ber gradually their became larger land more frequent. There when we were un the bad lands themselves the butter were joined in great chains like mendere mochitaves. The general between there butte- hanges and out wies quelos of all shapes + seyes making la net while of hikls & valleys. The sides of the butter to bear lette vegetation other than brown buch grass and sage brush, and the tops kere usually completely mude. Here a there accidents of stratified red sand stone appear, giving beaut if we reas & purples, while criticises with the other green of the roge brush, but a dash of rech color into the samber bracers of the landscape. at are place almost on the bother between Dahota & Montana, I urticed a typical lotte cowley town backet up legainst a high cliam of buttes while a narrow stream of toroun water in from. chal just remarked what a typical flace of was when a sign canh into vien bearing there islands

The Livele Missouri River at ane Terine Theodore Rosevelt ravoled in this wally.

as I looked of the week + sugged surroundings, they seemed to me examplary and way, of the indomitable comage, theately, hardy spirit which lives in the President of Our Country. The ground in the wastey was completely filersected will the burrows of a great colory of Prairie Dogs (Cynonys it was very interesting towatch the little fellower setting to the edges of their hotes, their hands crossed over their yellow breasts watchery the train about passed with their sling blade Eyes. Sometens one would become prophered, & disoppear instantly looking as the be had fællen dver bakevard ever his hole. as we left wohots behind up of got futher ilulo mortava the bettels become larger , + of greater aftert, and the quilles between them deeper. alek there are the bad lands of the west.

may 3 d os

Sance Early morning the train has been marking its way slowly up with the monitaris of western niontana, at first we were among the faothels, love now at 2.30 p.m. The are well into the mountains Thomselves, being about five thousand feet above sea level. In the distance flech after fresh raing can be seen, their snow cavall cape lost the sky. The nearer hiels are carrand are he come shorter + their in destribution as the semmets are afferrached. Tall slender for purdans pert feeting forth their yellows there , In thickly mix & with the pines or the bases of the foot. Kiels getting a truck of color to the marids of dock green But fear flavering wentiful, Ester ceally falco spavering, & have sent a number of there howks, singly ar in pars, and some have come to close to be tram as to make identification positive. While passing a lather manon steam il observed fine an six andea herodias at different ternes, and a few deaths Ceryle alegan, Corone americany

negetta and Pipilo Steerable magne havinge. may it often a most delightful and wouldenfue rice through the mountseatte monday Por at 250 el looked up Copt. Dove Jarens, to whom I had a letter flow m. Frank Wood and found He gabe me a letter to a friend og his in Victoria, and therext day (Tuesday) at 8.200 a.m. I Sept an the bran "Chipewa" to Vancouver I sland. The rise enforthe sound, and then the Frea trails of Junar del of arbling water and hell of werseld gream, with the mow cowhed peaks of the Olympus for a background, I registed on the "Empress" hotel spoling annoe at Chietonia, which is areas the Zenest building of its kind, only of how fack city and at ance went to the american Cansulate, chound the How. a. E.

Smith to be a pleasant cloudy gent benon who was pleased to assert me in any way. Three his eight. ence I was able to have my trunks found by the Countain of ficials free of duty, thouly sailing considuable expense. Caft. Backeling of the Pacific Whaling Co. toulong what letters was mit at his office, and consequently it had to want central transportant is had to

Dr. Besmiller, Pres. op De Pacific Whaling Co. was at the statem with a friend, and conrequestly there was no modern for more. He was affect to come un an-en 13 ch + talle. graphed for me to awair his return in Tutoria. no weshing to remain idle, at packed unfa for Chaungan Sake. This is a beautique Vody of wall on the Equinal & names Railway sometweety-six rules from Vidow, The country surrounding the lake is mountainers, the hills reading a beight of 1000 feet, and count with coniferous foury. There are very few decil mores trees, the fourt being mostly Deer au jedutigne, dear are someTuries taken, and accarsionally a partly is felled - a short time before my amount a large parties bad have poisined near the lake. Other were ance prequently traffed & many marten are still taken - also much no weekents an adult are fundamente island, il spent four days collecting at Shown's gan take and decered a murcher of burds, besides a few white footed mice two rates and are shrew. They were were all caught about old stemps & longs near the lake shore, as were the rate & threw. I found a number of nuce in the trape partly salar, usually with the head of eyes completely gerle I believe at was the work of shreive but altho'd bated several trafing with meat + mice, I was wolle to get place The works were full of sur fuligerosur.) Dur the male bish were accedingly hard to find. ood-oo of the coder could be head from every direction, but when even when and had located the tree

in which a hard was, booting it was next to impossibly to describe author of the sould. The groune was always chose the tallest trees in which to pull whitecooling, and when belief close to du trunk in the topmost hanches of a fir 2000 300 feixligh were effect whele protected from memis ander growth The female hab an the comthan were always to be found reform the found and would please from almest unter ones feet i'cl fortist one next of this grown contraining four eggs weel dlong in mental sin and knew of two orlane other nests in neighborry localities I shot one Dapuy (Paiden haliatus correment and point the respecting was hunet an thirty of a olf string Done forty feet flight, The male but was very will and the iras distille toget was chough for a sleat, although he flew show my head couplantly edid not cloved up to the nergy as it would have been practically empossible, but some of four & setteral eggs in the ordered of the hand deling a shair time.

I collected a few song rearrows (melorfrya cenera morfolina) uliteli mene suryuliere abundant. There had now continually very caught in the traps which de had net along sed strips for rice, and it was Nove if I did not find two on three every morning with their spulls creeked by the trap spring - resulty buils so cought would be found with their eyes edin ant, I short one Red & gunnel (2, h, warrowsering + row only two hills - a nartin re markable accurred as they are refacted as very corner, while thying in want for deer one Evering near a small measure, as red ing und court down on a log where to mus + regarded me curvery will bes kroup blackages, but when I raised my land, be easted yf forgotten an important engage-

may 15.08 Upon receive a telephonemen age

gran Capt. Balesen, & left thawnyon

Johe wed. G. m. at 11 oclock. On the

trans o met Dr. Rissmieler who

was return from the wholing steem

and come an to Vertana with him.

I completel anougements with him for my tip to the station and well leave to mount mefet may 16, an else ship see for Sachart, Thousand when the wholing statum is located. Today after arranging for the slipment of turbornes of plaster, excelsion, dealer ale etterk a short wash their Victoria Park (are Reven Hiel Park) to callet anto fan Dr. Wheeler. The Park is one of the have ever been! a small outpriso lake crossed by an arched stone lendge occupies are and, and this is semounded by trees of all routs + flowery should in properties. The Pakingone of the many poetro ce fee washed towned Brocen Hell, and Auddereg come adr ufan a stort og heard covered will a mars of husber in freel bloom. These were the English Brown & most beautiful plants they are! The flowers look rometting like large interes yellow, Fram the lop of straits of from de Fries towart be blue mountains of the Clympies, their sure covered caps glasting in the more. ing seur, a more beautiful frestiert could havely be imagined. The gente slepe of the tothe water is and it a mars of yellow brown blossemis, which at die show gir way to a soft carfer of buttereups. In the destaure, across The Straits, the american there was in the book anothing of the Olymping mountains, where have if and an intense blue, their tops while with perfectual sucus. at de left as far ås tre eye can reach, stitete her there with fishing boots, and The air aline the water is full of white-wayed guels, laying floffing close to the surface, as railing on anotionless wings high ale aveiled at the right the coard him of the Island which we stand, cines gently, the last and the second tournd Cafe Flattery a morely during mesty headland just descernable in the distance. The whole forms a fecture of green water, blue mountain Fyceland blassams

may 17/08 dam setting in the little calin of the steamship Ters' writing on the Long table in the middle of the room. We are tried to the wharf at albernie, where fright is being mulvaded, to weel run from bed back there the "albernie Canal" to the Sechart and The wholing statem. Outside the ran is falling in a steady, monotonous, drapple which has never ceared sein it began early this morning. The cabile is cold of only lighted by these situation is anything but a pleasant ma. after parking Cope Hactery about whee actide this morning, we ran full ento the facery a tremendores sea, which calve in from the open Pacific will un land to buck its force. The little slife stood the blows of the grante waves magniferently, but trolled o fitched like are Egg shell ne the whater. at first it knes a beautiful + inspering right to see The total great waves break will terripe ford against sty venels ridy, therowards of ray high with the ain & rockling the decks. The

I stand on the leck amed ships sheelded from the water by the little keck house, watching the gleat warrs as they chased Each ather astern, curl an almost Emerall freen. For a time it was Enjoyable and of ther'd would not be reasuch, but as we got further o furthers aututo the open seean + The sige & stangel of the wars increa sed, il found that Every time the shifs climbed up the tops of a great corber of pluged down ou the other side, the pleasure great less less, I stind it as long as I could & then beat a retreat for my stateroon where I learned what it was to be sea-sick. Every time the ship came down from the top of a big ware, I seemed to leave my stowach up there, to follow along in the next white-cap. To say deat & was sich is putting it middly; I dikut care whether the ship went to the bottom or not - in fact & rader Surfact she awould. However about on celick in the afternoon when we left the open Pacific + got mito

the sultered waters of Barclay found, the slife stoffed tossing and it fet better Tought I in all right again but a fettle week around the region of my belt, x may 20-'08 we readed Section on the mornings the 18th about 5.45; in a druggling rain distribution of a group of for of a hourtain which resis so there hundred feet behind it. In the center is a long what, at the right Fide of which are the Theta for cleanly & storing the relabellane, the glass covour tanks for bleaching the oil, and be-On to other side of the subary is the great "slip" refer whereh The whole are pudled protoffed of blubby the Engine house & ale touts for I blubben. Also the drying machines for molaring the feel wie grans of the home crushing are like. Beling of an duliel are the quanters for Jaks + Chinamen. Ite Sewal

The weather has been very bat, + it has

ramed Every day since il reachel here,

The Crian's humbeling vessel, was in at the relay when a came here + eft carry the meet morning may 19. She has not returned as yet don't wise he into night in sile published, when the weather is think on there is much sea on she does not wenter out as it is particular morning to bite many wholes

no. I set of Date may 22-108 Sechart, B. C. 23 Hurback whale Mo I Colon Back, top of head of sides deep blue black, the black of the sides On the thereof stricks + splashesty white which run were up white fleets of white along both rami of mandelle - Les white on the breast till cur on the throat still less on the belly- The circles & white show on the at to some extent of feeths a pateles of white about genetalia, & on the inster Edge of the palmite to the flukes. The muchous humane in the roof of the mouth is flishereoned, Except at the Exture posterior End where is black. The right pectoral has the ruferin senface arturely spure sluming white except batch Encroades, a many black facks are in the center of the flipper offosie the wearst part, which is about at the Endloy the fast one third There are 12 or 15 - rings of spots of black m the winder note impularly destril uted; The orings look She their Externol Characters

External Characters On the tripay the head there is a double live of prominent knows alternating of raining from the the of the ourse to a point of family the blow holes. On the median line from the aux, and of bolombiles a line of terres meno to the Up of the sword, The eye has a delpt funns also + below it - The can is a small aftering large Europe to unsert a sulall lead pencie. From the post, barber of the dorral fine to the fluther, the trop Edge of the peduriele is gently cremitated. the dorsal fin is quall to serp to de tip. Mederay between the paris + the places on the inferior Edge of the pederce are several deep notthes on creases + The apy the wife in rostine is of any pointed; about like this The top of the lower mandible Equiphyers)

blunt strouved & a wass of inequalar for the to bee wiche in height, there forms are all thickly enjested will farantes - barnecles & Cyamus, The breast- I couldn't court raile one The pectual on oh anteri Edge has 7 bunches all covered with barnases + Cyarrus Tralein The baleen of that side i a deep the plack in Ever, with a the similight. On the many the butter an very truly of long, to From the from to the back of the baleen - row a break bank of derty greege about greyell band begins at the bases Volter Galeer plates + Extends -11 ward about 18 miches - the protection brown to de to the many was the places brown of baledy become shorter toward the auterin End of the now more a money their length is accu beed by the grey band much. all the buster of the antenn horting of the roll supplied for the

the greater portion of the baleers blates are streshed to agree with white to varying de grees - rowe have nearly half the plate white, & streshed, touters but slightly an next at all. These stuckes run langutuhually. whenther the white steeks runto always be on the unide (busite bearing) harf of ver feate + can not ve rei The whole contains a general facture about & inchestong Since the wholes and all blown up as son as frelled the circumfunce hours be only affairment - house allured bruply for this welling is Laking this measurer The plushes had been and off before whole was trued in but the ander for remaining showed the when keyock bolile & alne block. The balen extends in a thin live entirely around found of smoot thus connecting the ter kikes.

Total length = 13 m. 50 ceny. Cen of arky = lon 2000 Susuita eye = 3 m. 80 C in to center of blowline = -2 m. 90 cent. 11 to part, unsert of pectoral = Hm. -80 11 10 miles 60 cent. Historico franco Eye to Ear 11 rye alm-Ean = 30 " Fengele Eye of maries = 3 m 10 cust .

Noted of flushes to center of vulva: 3 m - 5 c " " " put mest offectoral = & m - 70 cent Gentle Grentte pettosal = 1m-10 cent. Heylet of dorsallastial at fort mayer = 20 cent. greatest buckerers flukes at westin = 20 cent. Dept. fedure at ant, ment, of flukes = 80 " and magen of arms to the youled = 1 meter = 2m 40c and wavel Length nammay slat = 6 cent. Did between manuale = 22 Den = 30 com 3 m 40 cans Lugth now of baleen 11 longert plate " = 85 cery, no plates of baleen Depth Jeduvile medray between sessed of fluches & annes : 1m 30 C Jame you extends beyond refper you = 40 cent Tumber streat feerous = 26(?)

Osterlogry of no. I Length of mendiale (straight) = 3 m foc. (cursed) = 4 m 10 c Fengile of humerus - 65 cent width of head = 35- " Height of Scapula = 1 m, - 5 cont, (3)
Busher " " = 1 m, -65 " (7) 11 gleund format = 27c-Length trip to occ. coulyle taken on the when site in a straight line = 4 meters Breakle (squamoral, greaters) = 2 m 25 c greatest height 1 m (approximately)? Buckley rostrum one weter from tip an muchi side = 70 ceng, (?) I we meles from the = 1 meter (?) Tulu = 13 Length ( it rib straight = 1 m. 30 c. | Quality " " destal and = dealit of artlas = 420 Bunt 14 11 = 77c

Hereford of Whale no. 2 may 22 - 08 fechair B.C. of Color Back top of head & rides deep blue black - much white on thing thenat taking the form of streaks + aplantes, The white is heavest in the median line of this, about Extends in a V shaped mass inducing the looks much like the navel below this ocar or the belly there is but little white - only a pervicattering streaks - there is little while on the sides below the fectorals except in the median live of du breat - There are a few white circles along the gan bone, but not a great many There are specked & dots of white from the penis nearly to the insertions of the of the pedence. The invertibles the lower lifes are blue black, but a shafe lightly than the aut side - 2 small blotches of while were present on und of lifes - The skin of the tongues much lighter thean the lifes - a be autiful blue gray-this werblerare look exactly lift crepe paper The circles of while were moray confined to the region of the jour bones in both wholes -

the peris was plesh co cor - there is much white about the generality. The flubeshad been out of but the indu side of the strup was white - alne block -The mucous memberance of roof of the mouth is a light purple with small black flecks - lat the entire portion and of the anof 1/ the mouth that is much mentions is black the black area had the same shope in both wholes & was about I first in length Pactoines The night pectoral on supern surface is black-toward the tip. alny both margins the white streaks of circles Encreach on the black upper surface. For me Ray its lectareco (fine auxietas) the is no while Except along the tuck anterin edge. The muder surface of des fleffer is black to the thickly circled will while for the third of its length nearest the wiretim . The remains 2/3 do to the top has a while background circled with black - the dries are enhether (6)

The left pectoral has 8 bunder on the dick antern marger - the right pectore has seven. The first burch is larger in all fleppers - there benefits are are thickly encrusted with barnacles & inferent by Cyamis. The porterior margin is their Cabort I might thick ) of roulised it is only slightly crambated, par tecularly toward the tips - The the footh fectorals and absolutely develo wift barnacles External Characters The roof of the mouth is about six whele wede at the tip believe the plates of to baleen of flat on Enthul side of the median leve are two large folds - the ant end & there folds are lived longitutorally with fine creases paking toward the therat the medan line of the work of the mounts begins to raise in a grahual Onlyte till at the / parterin tehmenalin it suls ha ridge It welles high -Going tackward the destance Obetween the buses of the baleen rows becomes gleater + the

roof of the month is their wide Evel. The whileline extends in a thin line around tips of four meeting & going the tras baller mus indrawa On the top of the head there are a double line of knows sawing from office the blowline Ementice along the margin of the rostrus on either side to the tip, These knows are for the mist fact alternate, also a line of skinds fine and, point of almare to slow - There are If of these kurles on top of head -15 on soft right side of head + 14 en left. superior Edge of federicle is gently crawlatera - the edge her tis about 1/2 mely that of rounded The federale is very narrow, at witherting flushes, hote laterally & longitudinally - The dorral find in this Thale is low of of this shope \_\_\_\_ The fin does not run avenly to the Tay as in the other but has make the form of a humps-The symphysis is, elle theo 1, a

Sunday knows - just below the supplying is a seef depression to then the chin bulges dut - at this bulge the bambales are expecially thick " Ercacely mislivary between anus I menting flution on The inferior Edge of the federale is a prominent rough hamp - I deturi notice this in no 1, I also there are numerous laturely doct transverse creases or furner on the unper mayor to the series there is a second witch in the peternell, making the wholes outtine at their part look like their

The Thereat folks are will and sure many them divide in the thereat just by and, to inveiting and the belly of the porterior andshere are measured 19 ceris.— There were 18 furnious in the rat. Fine are about 1/4 miles dup 1 stal lengel = 14 meles an of body = Le 11 Top opening a eye = 3m40c = 211 60 11 in a porterest of, cliral = 5 m. 20 C " " post have of dorsal = 9m 250 Aux Eye to Ear = 75-0 " bu alme " = 20 C Lewyth ofen of Eye notch of flusses to anus = 3m-350 = 4m -60C ( lie 11 m is peris " " " " havel = 5m -90c 11 11 11 6 ports ensert of fectoral = 9 meles Protone length (tip to head by reapons) = 3 m 500 Reyly dorsolaxial = 1 mein Built fles touted to and mayin = 1 m 25 c tuchnes 11 at inserter (greatest) = 250 Depile pe luicle at and, when, of pluse = 80 c Leight of Eun. Sun. denbeles = 25 c Felight and open. = 15-0 and anus to certain of penis = /m 25-C = 2m 35-C Length raw of baleen =3m20c Enigent fletto = 85-6 = 270 hunter 11 Defile ped, between flisher anus = 1m 60c



Form your extends beyond upper: 40 court.

Number climat furum = 18

Fought perils = 1m 30 court.

Rites 14

Length faw (straight) = 3 m for c

Farmen length = 70 cent. Tourset beak = 40 "

Keylit scafula = 1 m 20 c (?)
Bundet " = 1 1. 75-c (?)
" glund forme = 35-c

Ekull\_

Fengits (below) = 3 m 75 cent Bunty squammal) = 2 m 22 cent Keylet = 1 meta (approx) (?) Result occ emplyes = 39 e Roslin breakts one mile from ty: 80 c?

Jenter (sure) poteron gestist height por limber = 80 c

Herghy neural spein = 37 cents Brinch ,, 5 30-C Haylis artas = 45°C The tell the second of the sec

the state of the s

and the second of the second o

.....

Humpback Sex 9 no.3 may 23-08 Sesliant 13.TC Color Book sike + bely black - little white authorat, buy are breat in median lime of farite the resteris of the personal there are reveral large atches + many straks, On both rami extu mangelle one rumum rather faint white circles & has finde The are no cucles or while from Eye on been book of fartum rinertin expectacles. thurs menteran of roagog muich light ralmen purple strongly marked franticularly deoug the median line with donk aline-green strakes, The Large patch at bantevir fait of roof of mouth where it passes aute throat, had the salve shope as in orders their was of a blush green crear. The mine ride of life du beft side was greenel-black & on Vright lighter to more dy a gary green + striterwick darker Regit inferen senface from mention for 1/2 langels black, Rest white except, at up which is alachthe to beach faits are cered with white of the white fails " 11 black

Enfern surface montall black believe aiced with white & white of its churgey toward fasterin Edge du auteur 1/2 Fift feetone about black circled with White toward life & forless Edge, white cucles in thich auteur Elgery back our 6 Rundes on right pectors The the egg of right jectoral alightly cremited to the for about 1/3 of its length - bushs all enrered with barriage of Cyamisas are tipo - Right pectours with 27e which it head of traders - left is 24 C. Baleen. the falsen leas the Farme band of duty grayesh - white bruttes about I finders wide, as all the others have had - the remaining pair by bristly to their tips are browning; the tre bruthes of the places and the anterior half of the valeen rose are duty gregish white back side a are.

External Characters

The durant fine is falcate + higher than any a joile so - its shafe in grant the aution factor and the grantein factor rocker they in the quality here is like their this is but here - is

difinto fendo is but very slightly crewlated gut wary. I did not notice about humber at lower elge of federicle. Same double line extendes on Edge by top of head as reactions & seine brance on live to summe there allowed blowlers - Durenosa dango scar Heet behind blowlighten side. Then were 18 kindes are right site & top of head counting them in hiedran line, The sur cymplyns of markely was kurbbel as in sites -The thoras freho Extend to name are belly in median eine,

ceux. 1380 Total leveyth 5-75ancima body (wheerest alove up) 395-Suny to eye 295-1. Chrliste in part unser of pectonal 460 9951 Auf. Eye Ti Ear. 16 Eye olde Ear O Jenny of Eye milely of Cuperotianus. .335 11 1 land of Ollows 400 le manuale 390 1855 il il il il navel " portions, of pectoine 900 Leverte fector of the to be a no blesso) 320 greatest bushill feet and 100 Height do was 27 Breatile (lukes (notele to and margin) 115-De Philedelice at injector plushes 85 5 -Fengilianus 65and to cover of elilars. Lugtle manning seit 17 Lef & m Any between in al Feregil trow of balance 346 11 longer flake 80 Defile peterrele between any + with 3/ylester 1351 tous gave beyond upper

The circumference of this whale could be determed many well suce it that us been belown enfo - (no 4 had " " " up, The Ear has an opening at the life whit I du hotton would uit admir the gul of a small lead perietl. - The Eyes mi all the wholeshad a deep cream aline + below it lette the's The slift for the test is a Voluge name as sein the care the sein at lop as 17 cut with, + the man teat in nearly as large round as my thumb & feel event - The manual lie Exactly along side the gental opening -The father new out off but the notele was Volafel & not very delfo, shafed like Their

Osevergy no. 3 Length (tip to considers) 380 Greater brus Lide (Aquamoral) 225-1 meter from top 601 2 11 100(1) 1 cacipilis consyles 3 6 \$ Height Scapula = 96 (?) greatest broadon " = 169(?) Breatest general fora = 32 Fengets human = 6 6 3 6 Jengele jan cured: 3841 (13 provide doubytre) The laugh of skeell is taken from the to occ. and along median line

Humpback no4 Sex 3 may 23-08 Sechair B. C Topog head, back, sites & beely thack - whiterences about on boils rami og mandeble rather thinly distributed - a few of These circles run down on therat for a short destauce elufly on the sedes, mont of white of theory broad is we theales of fleets while are small in the median line of breast between The areid, peur, vente of of The white our der to dre melique en fortenent to the very adges at the fold white duties en and mosting of the flenkes on ster inferior edger det feather thecks of white thinkly cateril- harry aly white about the penis ser, but this fatin wheaver Encrusted will barnacles -From the clim to between the jeclouds on the median line of the briand there is a sold bank y barracles about 1002/2 well wife. (see perco) - Stumps of leines while bolon; black above,

Peoleral Kight pictoral black on superior Jusque with a narrow white bank runny obliquely account at the tip- the auteria half of the posterior (separty) 22 go of the finds thickey covered with small white cucles -also the tip. The tuch anterin edge of the fin to withour a show sestamon is insertin és voluée. The imperior surface of Desir fine in June sluming where for its where terens, save for a black patch at the fourt of westran. The auteur are this along the tip & poslering mangines is thickly wich & of told willblack - There one 7 builes on ariter manger of lies fer Left fective block alm, strugly ander with white along tip + portion margin - wr white on the 3/2 rds of from burantholy - anderin margin white, Below fin is white circled with black toward up + adget with block The posterin margin is atroughy crementer trurait by on boiling Serentundus an auterin margin og den frankel correct wirte for Roof of the month light salinon

purple, & bustons greyile- white same asin arties. External Characters Same hungs on enferir Edge of peduce a carry menay between anus + fluken as in others - this hung was sere unles lugh + shafellihe The furto ferber strongly enemeded shaped alway axacoly as in ros 3 met som detpat anterior tore - Egyppysts del bustes same as others - same viege of chin just below suguephymis as in 202 -There are 16 knows on right rames grankelle-none go on tarrat these hurs are unt as large ces there on topy head, There were 11 throat ferring an the right side from Eye to melian emperation de compute that there must have hely about 22 funous attraction a could not get at other Fide. The files divide for the most part about melle between pectures - they are wider at posterio and + at chim where shey

cure un to End. (or begin) Frances are about one wich bleefs + the rame in with - their hottoms are friely creased & same color as to fred field have rounded adges + flat tips - One deep creax or funnin ruis up over dectard at slimeter - four other short creases run half way ento on pastosal at parterior insertion - One unde field trusting comer of mounts to autorian elge of Hectoral Twelve bushs on left sie of top of head counting median sine rame anaugeniters as in other Shubber about 11 cery, with whitzh yeelow en color.

no of can Total Rengal 1130 Sumo to cyc 535 325-, , blinderle 222 " fort, west, y fectorias 455 " " Edge of dorral 780 Eye to 2 or 47 Eye alm Ear 17 Ofering of are 2 morth of plushes travers 265-11 11 11 perid center) 362-11 in 11 in marel 475-" " fort, edge of derial 350 785-Length of pectaral (top to head reduces) 303-321 quetto budit offectour 90 17 any point brakile clubespartely). 810 greater thickness flukesas inserting Za Zant Depite pedence at flikes 75-Jugely right blowfole (axially) 35-Direque blowholes antenney 7 " Interver 15-Height Enny, about blinkes Fertell and offering 12 anusta missel og peris 120-219

Sechart B. C. not Humpback Sex & may 27-08 Color Back sides that heary black-much white an therat to breat to insertin a pectarols thekert an the nedean area; the white here is mostly in streaks of speashes -Each rames of the niandible, chiefly toward the tipes, is fractically covered with small white benches, which take every kind of parter some overlaspery, name, beary on and reget an order secrete. These cercles one smaller than have on any of the other wholes - many cercles Vertend on to the clim + some on the breast - scattering faut white circles on sites y pedevice from ames to a che to flether fine white cercles on seles of Vach just alove Jectoral - The furrous are well adged with white - Frankly Eye to cole a it injection of fectures are many streaks + splasting whete - the levres ai hunches on the right side of top of head seemt dean very injured ( del tops dorks as the they had beden subbed iff & are beef yellow. - lewloan left site y. beat ale black (healthy) Kory of much feel Esland - the

tunged far light slate blue as in Parious Prote fectorals black above white below suiced with black toward tip & fasterin margin Superior adjo of pe situate wared wish sharen considerations from a point afferd the amost the flusher - two well marked freums reen into a see the fectores at me win blowlyles enoth the this / - The blow holes a selected fare their autem ends at in the tip of the hoad between Thomas is a deep crease ar since the posterior and of the spening is the butest - a crease rems begand the and of the openine at britile aut -+ port, Endle - The annual aumante and in which the beautyers are selected waries greatly in her gling in some anna a dates wery promue ent your others much lead - the slope from the medean line of the Wy of de beal in gradual like this The will folk port, in de whole was on belly joint at the parterior and. (ot of eage down fin lightymarket with

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500	1100	9 1	centimelies		
1	the contract	from:	Control of the State of the Sta	Letter	,

gwas 2 centrales und.	7
Total length	1010
air of body	465-
Evality of	260
" blowher (cener)	200
in persensers of fections	320
" , , , take " dorsal	675
Eye to Ear	451
Eje alrene can	21
	7
Opening of Eige	.05
notice of fluches to arms	260
notch of fluses to arms	330
- 11 11 mare	45-0
" " to porture, of dourse	345
Length pectural (tay to bead of careers)	260
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greatest breatter of pettoral	72
theheo (notale to arti, house as inserting	90
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Length reflatbloke	12
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deglis of connece about blowlotes	5
Jengal now of baccon	205
" longest plate "	55-
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Towngaw begind infer yours.	45
The state of the s	

Beleen - The histeracy les auterin places are very the tips on grey tops beginning places

no. 6 Humpback Sex 8 may 28-08 Sechant Color Topoghead, back, sides + belly black-many large white circles on both Traming mande able which extend down on throat and chen half way tack to pectorals; from here back to insertion of factorals the while is confined to small fleche & mit marry of these mosely in median beginn millerbure in fine afects from he to fleches, who perfect salt - Or infring adje of federale of moreling of fluter the is a large yellowish white sfort - Slub of flukes black above. a large white transvers Not with ragged margeris in median line of break, a little back of inserting fines Ex ges of folds strongly ad ged with white on treat - Roof of mouth light purple Pactoral Left Jectoral below toward bray and black beach of toward top while with sparse office circles - both margins adged with Ward above black - few white encles along post-Ensimasque Right pictorie- block abone many circles +

sfores y while along posterior horder thickest word tip - and delege and and asso - Below white many dashe + andes of black - black on and. Edge & also on posterio co ge un du autelin back of the - Stubof plupes Head above -Balen Bustles grayesharling-External Characters V- Donol frin guly slightly toleate dite iles Contrades at tip - only a very few lourles an left Harris of face - Kuslis on up of head begin of point o Combales on inf fung here inparer vare of petersto - the Ear in dein whose i burall o millimeter ) . I find dat their warres in defferer whiteste to a marked degree - il is some flike This whale ) the Ear is only a small Eleptical o opening not returned in a defression. it other it is at bottom of & depression Elystical on revenue at top - The The age has a deep from allow & below to cerving around it; during is returned above + a little forward to the come of the mount. Topy federice only rejudy cremeloted. Only a slight hump on love adopot pederile belin

Total laugety	1200
Concop body	5-10
Sum traye	340
1, , while	260
	438 460
" port. mestre fectoral	822 830
Eye to Eur	53
L'agner	24
Ofen of me	7
Oferna dy inge	,00-
notel leves to any	280
" cherris centir)	360
notely fleshes to anus " " spenis center)	490
in in part, int your	al 378 366-
ie il il i pertorne	762 765
fundament of the passes	320
Luph pectarul if to real making	320
Height dorsal	***************************************
	ce) 103-
Busich places notel to author	75-
Defile pediver at feules	230
and thravel	
Fugili raw y balean	63-
Longert flater 11	
Defit feberele betern fiskes ta	23
much thereat furrows.	22
V	Company of the same of

58 Hearflock no7 Sex 9 May 27-08 Sechar 13. C Color Boda, sites, belly top of head black The white auche on right ranning mandeble large, fait & mosely toured symplypes - On left hamus there is a ofeash of white minney between sopot corner of mouth - behing this no whose white in fing of it to telp more splanke & a few large endes - white does not mend up and lifes at all-only arraines Small theoles of splashes of white from tip of snow on thousand, many to approsite platorals in median line - a feel Seating white ences ou man of dur - From pectorals back un whieron breast on beely except a very very few small white fleches olong the edges of the folds almost vers white afort alout zin lang ra while stuckar posterin edge of navel 6 m. long. - from anuste flutes and filt vlite does et falunce manny very letter ulet alrowing generalisworthy in fine specks + dots - Itue of flukes black below -Pactorals Superin surjecce of left fin black - a few white ences & sports along the posteria edge & toward top

lend my many - anterior ad go of for quosilybe a che with circles packs + splasher - dreferen surface of Opt fections has a layeble ck fellel on the dans years length nearest the body; their fatchedors ruther ale certe edge. Beit of fin while with black curees shots & strakes toward life The cever think of this fire is about without spatai work & bundles and trade The right fectional is almost accounty like the last in coloradion on its infrim surface - alone viting blacks at the /2 of the fine tomand the tigs while and begin along the partering getting theber toward the tip while les coverel, 9 truches an avenue Rhof of mouth Eight furfile Ballet - The since by the axtreme basis of duplates are brown - Then white in the middle of the balen row for a space about 1 ft, wide, then from at tips. The warmen fales gradually my the white de bout Goos & the balen plate. theuseles are black strectudeout while toagreater as less Extent the she obs are always on the side while

bears the brusters + don't show from the outside ! External Characters. 12 bules en bunches on the reglitrame of the mandelle, toward superflugues niastiy 16 know an too top of the head refet sile welling the me draw line igen du blombre to tops. The bund belt and sulflutes pour die 26 centre light -The superior adge of federale fami dorsal fin to peine has recen relation - a straight leve - The wednowdin delp + bunch large -( See flut of doual fin)

no 7 9

Total length 1430 600 ar, of andy Sun to Eye 370 11 11 bookse gay " forture pectoral 470 990 65 Eye to Ear Eye above " 29 Opening of eye 9 Flukes to arlus 30-0 11 11 manuay slex 40/ " " clitorio 11 11 varel 598 " fort men y fectoral 935 416 Sength of pectarie (tip to be al of rolens) 405-4.60 greatest broath pectoral 100 deeply does at 20 Thebers fleshes at insisting 105-23 Depth federable at and, musey, of flupes 65-31fight blacke 35 Awergend anteriorey Hugher also about the holes 25 10 Leigher annuay slex 25, Ni Dist between manual

Length raw of balean (stranger) 290

11 langer flate . (inside base 6 th) 84

Depith felicule believe rotch of anne 6 135
Folgree four dryant upper

Neuron thereof ferrows 27

no. 8. Henfluck Sup & May 27-08 Sechant B. C Colar Roch To y head, Side + belly beackno white only elly, purt even edging to folds on on the side of the broom - the while of the median live of broad extends to the pectorals; the last half way only a little The white an very between & method line of breast air circles, pecker + splasher do while in nation live of briand to off Engertern of pectorals is it small feetles From navel to pens is a little shite and parlos - from penis to flusher, feffer + oalt" Within side of study feliges be a late - autom margin white - prices yellowish white -Cire green mostly in never enils united of both rame of mundeling stage blue as it tong Pactares Reglit, superinsenface, all black, in white cicles his many bornacles along posterior margil -Infern surjoce thite accept at larly onit

a little black at the valoring poster ragin reactor. Ilahalen men stimulalile no 7. (See fluto) a lage anushofelach pately actives and from body lendigth of fine heart of fine white bath of ges black (a large weet scan on appropriate Baleen Bristles of balance all steel gray even to tips, except the arteris porting which is white the Short flates of the very auter portining tellacer hours site (see plento of head) Externe Chain there 13 low hurbs on left rance 16 Copylical lift rike The bunch on the clim is very promthe sunt deep - many barnaces an therat field This whole in blown up so that the feerows beter freeson thurst & breast one in very lakes rearly 10 ans mede thanon many our others) The foreds would normally be about /2 will apart - greatest division of folds is on the heart near man

pectorals, for the obvious reason of at dois to a Hyperit weeks to only a comparatively for - Tany expand of course bother as begin ougainst at and. The frelo du par on the with courseles adjes - 2 furning run up over the wisert. If the feelane of same color on tops + fine wand show elighed it is Explanding time. The tongue of these wholes Extends class to the tip of the combe faire + completely feels the openese gother the raming the mandelle tent waker was laying on dusly with in neverly slightly afren and I crawed weel in mail this getting a good affeorling to me how when in life. It in a loose flably wars of blubber + flesh & when taken our they our defenite shape whatever is simply dies flat on tul seip. The skin while covers it is slate- when we color of I orlas like withing so much as con coarse crefu paper. At is, then for very clastic gleak be pulled with alway aliafaer de the month the tonque isheld we shape by the

Jaws + thrat competity feeling the limite of du mouth, The ento of the baleen affarently fit down on eather side a Un to gre accamados itserf to du space weturen zere mous, (See plustos). The tip of trugle is libitles The top edge of the peteruce is any slightly cremelated The excurrent of there wholes is about the considering of the creams and whered in other where drawn on the slept out mule, the air with which they have been blown up forces and the excrement while at sent forth in a thick other & sometimes theraun Eight on ter feet from the arms of its ado is very deragreeable. The stamaches ag are on wholes we for have contained the rame nort of fool shows like annuas, from 12 to 34 you was long + account a few worms, very much like Early worms: The stowed all contamida of digestion & mixed with a dark marion red fluid the whole making a mars about the consistency of their cream, when the stomach in fund

ahered the stench arising from it is bluest averfromering + for a fourmoment mobes close abandation an information the contents have run and reported Slife of may then he easily examined a Scraflett of donor form)

Jengila 275 Ewith Holy 540 Emytes age 370 " remotive 290 11 " , port, us, of pactural 2.00 11 1. 1. base 1, doing 920-Eye to son Alalne 11 20 Que of Eye witch flushes to anus 290 4.00 5-15-" post med, of doisal 35-5. Engel fections (tip tokead rolus) 715780 295 348 queter breakly pectoase 95-20 Bush pulis (nich to ent magen) 959 Thulmen", at insertern 21

Defile februle at user of fluses 75-Length Higher blankole 30-Drugelse anteriney 5-18 11 parterney Aufit and, about blockdes 10 Lingth and aforming 110 and margin arms to center forms 290 Lugily now of baleen Jougen plate 75 Repro Ledende better flushes 115-Lolner your beyond uffer 35nuber thurstyunsus. The bund an pedence, lower adge in 2 meters phone witch of fauther + 85 centime from anu notell og fluhes derfor obselve like the this Kubsantof of head begun Voffrete the blowlines - this is one furm some tour below du aye 23 cent, lang they and around the age.

Junflocks of may 27-08 Sechart B. C. Color tof theat tack sier black will the exception of four white streaks in the bostoms of the farmous my more white back to ferris - This is the fury whale in which there has been believe in de bottomes of the ferrows Refunds, enferm ad ge, from perms to Live of belost between pections attacks reise while blotch with regget algen, 18 melues langtuderel dia, by 3 m, cross dometer, This is like of 8 on no. 6 whole. The white cud on both ramin of the moudible are mostly toward the signiflupis; there The while on the at Extends in much back for about six party then rules from lieve to the white spot affronte the Justorals in malia lim there are any small plecks of white -Penis from base toward top for 2 feet browned black - then plest colourd to Protones Jeff-black above the port. will barracles and margin same. Below large black potch at invention

block I rest of fair white, the center studies
Right pecture processes the some in colonation. V7kurlos an rightfin; 8 on legt fin rang of much loger purple should withinking base of roof of mouth slate bene constangue of mostly of with ramed manhelle. Beleen prister steel-gray at base for 4 which then grey white to tipes - at anter inon ane-thud by now, the busters are white The auticiplates, buriles of all, are white for 30 cent from tip. External Characters 13 knows on right rames of warfilletop mayer of personell only stightly crew cul attendificationy - The blunck latering anus + fluthes, loved aga ped acco is prominent - great rivas Hlamakees on the for Donal fin alung Exacely like no 8

Longert flater 75murber flates "
Depth Jekunde betun metels tames 122
fairen fan began upper 60
murber throat ferrows 24

No.10 2 Aungback June 1-0 & Sechat B. Color Tof Hhead back states hely black - new white Istaterer on helly on an or bock of pectorals to gentlaba - a very enterities de mit gentadia - almost resolute cui an left names except at tip, levet a number on chin which reen down on to dervat - the white on left names es all forward to one meter from tip, no Vachaj et - much white du tuante sid of right sede of through chin - circle ne are tothe anterin ensering follow a few long streams of white in the hotton Just a dork of white from alus to feuher de lover edgales falencele - inferme sen face of Flere of Flerhes black - Rong of morale leger plenger avery at tip where the center as p while - rfor on back of roof of month blue green - mile ogram of mandible dark treateblue as is tough Pectaules Left- below, blackatereserving Butslength themase white - beach afredlay of circles at tip - both margens black aline black, thickey arread with white along fasterior margin + at the Ralein Builes mortale d'ark brownis gray Exopt the cerior longitudinal bank og lighter grang - all the brendes are

External Characters 18 white hours / cery, long on when Emp of synflysis of markelle - a deep crease shows balk to France from mucha - a leif set on siture side of the marrial de follo are 17 cente will at and fart.) - Up of fedurale and slightly crambated - man deep scartile transverse creases on good of thrat & beaut back to fectoral - Telece 1. Heard, thick - 13 knows an ought nede top of head (someting center line from blowlines) no havi anywhere except at symphysis - hump between and + fleches prominer - a very derift dif en settere of pederace great back of vulva - Donal fra like their teleson The returnate are in front of the center of De uneva just 17 centrates - This whole Kad a facture securit sucher long Ons(2) I stal laugite anoj body 700 Evening to Enge 395-460 " blawliste 300 " protunenty pectoral 290 020 Eige to E an 66 er serve Ear 20 ofe 17 St 9 Flukes to anus 360 4051

Fluhes to namel 630 11 port west dans 460 Paitnelije to head nowwo 970 415 interesting in the 460 greatest waries 112 Heylis donnal 20 Briowsh flugher witch to and surent) 120 greatest dicherens fluches at week 24 85-Depter februses at and anut feutes Fengelikylet bearing 37-Diegence anterinty desglit Emusalioned blankses 10 25fengil mannay the 35 Dest between manuale 340 Length me of baleen tougest place on 11. 89-Depote federace between notely + anus 140 helier throat furaux 24 manuade auterio to center of clitoria 17 The spering of the Ear in the word every large at trop + slighter of Timelay and home period

no11 of thumpback June 1-08 Sechaet B. C. Color Top of head house & sies black - The mediale line of avant & direct grown smutt office pectous is all white steahed will long who narm black marks pourting allequely toursul the median live from with sides erhe tui / The white in muchan to army from vach of pectaries + peach - Outle seles of linety breast, the white median line genes place to the black of the rest of the Berly, but it is wany alongly dasted with narry white steads all points my abeliquely toward the mediati ente-The went of the levant does not run up to du vanue so there is on area here not very hearty marked Right rannes y mandelle is beauty sincled with white, but from the beginning of the down curre of the mouth of on de see back to the fluches res cular Except were faintest truges of slule in the arctoriss of the fall where they and. From barnacles - graying about penis de from anus to blukes, the lower adge ofthe pedencle is while & pepper + salt - Roughy

istorque - mais left rames wery light slate, almost white - left darken Pectorals Right-above-black, except as tip while is while + black, & looks as the plan had been dustick over it -Left white below, top + parter margin adjed with black - and margin white except an burbles where whereh a now of never eliptical rhots in center same manner and - Vop surface eft pectoral black exapt at ap interel is whitester a me as right Baccan - Busters of anterior //3 aprouvall grey white resthand ares stead gray the resure central band of lighter gray, + the tips browning any & The coenes del Eliabeain few fliber unto one another. External Characters on the right sine of Why 4 foldsme straight through fine Sunt to soul, well out develing -12 shall efette havis en der vey top of mandelular eaw talkent exactly like no 10 - Topo fedurale weel cremedand - no han als chin whatever - & mi havi on top of head. Is bunkes to of head one reds - many barnarles - one furrow extends from

the commendation of any the insert, in y the fectore the way the low curving around any former and 20 cont, long them and of the after former former former former former former former former have blind-lies There from the property of all the court of the art of th

V	no many stationary (see
Total lengils	1055-
an of order	500
Survey to age	300
" However	732
" part niver fectores.	425
" , " domal	736
Eyet, Ear	48
Eye ene 11	26
Cherry of Erge	7
Clary of Ege	.05-
Flushes (notely to ans	250
i. , penis	35.
" " " narel	430
11 1. post, moet, dossal	330

665. Fluber to bose danol fortun) Prictor (up to be a radius) 286 339 11 budite (queter) 86 11 Heyly dorsal Flubes breath mitch train stops) 90 65-28 Tengerdglipbourbre. 1 left ? Duegence antenney 7 posterinty 25-Height Elien. about blowbers Fengile and afen Quist novel. 170 Length row of balean 240 Tongest plate 5-8 Defile fedurele believe utel 81-Tom Jaw her fur offer museum turat fur of 19

W

no 12 Hunfbach of June 1-08 Sechart B. C. Colar I of Jhead mous, rach all black bach of the fections are the folding the bely Dane white edging - Scattering white the sites - melion letters show of the from the middle the least to the factorals is an almost roled live of while - Thains white circles about eye - frems to flikes is pepper rate Warf of mounts salmon purple peched in the dian living grenik-black - base slate-bene as istorque while in certain area - white parch on white cerces in altredity right ranking x mandible. Below the still of duflertes basa large white Efort on the right Site-an duly side, it is blacked streaked with while Pactorale- above right, black at usertion thank extends from the along anteni Edge to ensertion - the orbite ferry much ended + washed with white-Much surface their fair has a lang black falth in center from body wall black on both margins. Bacen-Bridles have hards all steel gra the trest of antern & all coling the poster

browned gray; between tight bases bustles
one graywhite.
External Characters - 24 hairs an very
boys of symplyons - twitest field an belly
so can, at end bags brund between feets
of a was an environment the posterin adopt
the left fectived about the middle
Thousand reny tight nostrum - 16 kinds
reglet side top of barnacles on the part
fro hairs an any other participant for hairs and any other participants
head an voly

Tengels 1360 air of broay 5-70 Sunt to cige Has 11 11 Edu 455-", " vendule 335 " for nivery prairie 3-65-970 ", Tare lorral Eye trea 6/ " alne " 16 Ofen of cyc notel to ames 300 11 , penis 455 " marel 5751

withthe postinises, losse	398
" Lectoral	824-
Pacenal (up to had Brance)	341
,, ,, antimeser,	405-
Breakly pectoral	107
Herefito X dorsal	22
Fluches (notate to and adge)	111.
11 ptulenes at wither	2/
Reple permite at , offlishes	EU
Leight blanke sight	32
11 / Def 7.	3 4
Dueque auterly	8
" parleury	36
Emmerce about blowles	10
Fengile balcer row	310
" longert plate	83
Depote federal hoternames few	leo 126
Love you began upper	30
nuber theras ferras	20

no 13 Humpback of June 1 - 08 Secharts C. Colon Mach sin of why + That head blacks -On right ranning manufer many lang white cuches running from tip of subout to the books to writing about 4 feet from the Edge of the Rife - Feft ramus, cercles so reach as an right. On sides of breat between fectores of sucurs a great mans ywhite dashes fainting rolliquely torsaid the center- this mass of colaren sup on du order of thereat not quito on a cline with the insertery of the fectorals (see flevto). The whites heading in du median line offorce fect-orals + Extends back half way from fins to navel-d'is dashed like conte narrow black streaks - many barnacles on chin which romentat conteal the white here From perios to fluters the bottom of the felmucle is thickly feffered with white - There us a rather small white fatch drecely belong the left aye - There is a flite anderin alge on the dorral fin to the tip & a very sette an ter fortenir algo- Pay of much delicate print ar feel bear base blue green - Tonque v minde of right ranker by mande blush state ey rames a letterlighter - There is a

480

white fatch on the left side of the left of the rostrem underweath - also on right Pectorals Left, below, all while except a small block patch at usertin & or the verytip - above beach heavily ancel able white along forteni edge rate top - and. Edge mostly Baleen Rase of all burels rtiel gray the very of the auter one harf of balliel row have brustes all white to tips-The fastern one harf have bases steel group, miltle light gray & tips brownish. External Characters 25 hours while on top of symphysis-6 hairs on the 6 kings on the anterin portant teami - dorsal fin like others but Low - federale were evenilated - Lifes an that elige are rounded Every - 2 furrows from corner of noticely one running above dodne of fectous & other below ex - The 14 centerfrom tip of roserum to begung of below I Ral Lugite 1325air of body 31351 Summy to Ege 425

Out of the 321 flotes in the bale in row of the whale 24 84 ven strahel with when in various degrees - revery sen enter of all various tenters of all various of the strains - The british of the strains of the strains - The british of the strains of 295-Sunt to blowlike i fort mery, fectant イントノー 935-11 11 donal 19. Eyo to Ear eye are can 22 6 Opening of Erge 11 11 Etu 325 Flukes & aus to perio 440 5-61-Engel feet (if to radius) 400 800 32-8 405-Height donal 15 quality breakly fellowed as 95 Fluber when to did mayor 115 11 theher at visution 23 Deploy fedure of " of fewer 80 ento behale length 32 THE THE THE 36 Dueynee autiney 7 porterly 32 Emmerce alang almbe 10 dust and opening 13-Lingto balear Nova 290 Tuyen plate ... 81 Patricle believe ferbis + and 125nurby therat funous! 24

no. 14 8 Ampback June 1-08 Sechant B. C. Color Back, seks, tof thead telly black-fun pectouses to perite there is notivered - a. both sides of the federale past anterin to de mention of the fleshes the are a very few family white carees - a few white and an the stude of the plube (beneath) while is block - where tip of downal from is while your a trugoon de cago -On the ranner ite mandile there are many white circles; there ex level upward on the lifes to the exthe down cure of the mouth The white genes remedown on the due throat back nearly offanice du fectorals - the white on chithunt in her heavy t is account all in ances - few toplander on streats afew hamaces on ching about peris; also an hungs between feiles James below - The tonger of the whole is out of the mouth showing the contains which is light fungle Dong og mouth light purper shaking with yellowsk while just before the bore patel wheelen bevergreen, ( Ectards Left, below (sufferts) has a large block fatch at insertish

The nefit findore is black thickly spotted with where whele from broky to tip for Bils length, while toucher fort. Even agolut und ament - along The posterior Edge blackery beather at the also block palches alour cevile of fin near auter in margen and reach y white -The melinide of the significe us like the left -7 hunders deid. Age Anglis frie Bolem Busies dark gray at baser the Extense tip of the jailerin /2 like wire The remaindery all the autemi bresites are while - I believe the bessen of this whole are the white it I have seen yet. The number of balen places was 3 20 mg While they it of 65 in the row on all more or sero whiteil or light gery Bends there 65 , 18 other plates were sheaked Therestroles view all nather light of all in the distern me halfy the know along the une (brestlebeauty) ride, at die Vases Externa Characters The hundren love adge of federale beteren flukes of anne, is very hight of gues the periode of the whale a peculiar sturbing affectioned. The tip margin of the fermile from donne fin to plackes is my very heavely

86

cremelated dorral fire is like others I of which I have places. notch of flufus deep + parterin edgehearly a deep furrow runs from the could opile month up over the base of the pectoral fun to a live beyond the posterior Edge of then stops of superty- another rems from corner of mounte to anterin adge & a little endemente fin, then Ending alsopity. These tur furrows seem to be constant in all the whoers I have seen - the action to which they rum same a live. 16 kerrows on top of head right side counting speciary line from blowholes to tip of survey - There are six knows from blohrhra tis your - a souver live y holes on Edge of rostrum, This would make 25 kholes actigeting on top of head There is one know just in frant of alm hile between the certer him & the fee lines Each kulo in the center line has a whitehair in is center on top not in a little fort as depression; there haves project 08 cents above surface a usually may be rassey fulled out - when publiced and they are about 25 mil- long four

Burles in the souve side nows bear hair & the single kurbbeture center & secti lines has a hair - They There are 25 white hairs on the extreme shouth top of the maniety at symplupis. The bunch of the clim is very promuent + about Tinches high - the defression between it & the symplupes is deep of in the hottom of their defression trul are six deep creases of vorgengelengeles, On the right ranning the mandile then are please buncher of warying siges sux of them bearing balu In be median line the fold of the throat become greatly narrowed and need the bunch of the cluthe in a series of Ys are mistilles oble like this. This arrangement of the fectorals to the survey the greaters the greaters the greaters folds durid, & become much narrows The folds back of the pectorals are at least twice as with as done in Ware brody me from sour to navel without dividing of none of them sheep a countary will throughout their entire Extent only 2 folds build back of the

below exceft jung at the nave tunale frank flan tris organ. Palumee Thirty cent. back of the posterior insertion of the peris is an eleptical spening 17 deux wide at the top aled large amoughto miser one's frager - the last spening is 6 ceil. deep of there and - I take is that this is the redirectory teet of the male. The til of the donal fine Is ducity of poste this lavity on 30 ceni. Vach of the fort, enseren of one penie. The middle side earral of the perio - 24 cent, in front of the only is a transverse furrow 30 cent. long. This crease marks the beging of the pearence - I and my at this creased on furnow the beely which in frommer in sel there wholes - behand if the pedencle narrows gradually to du fluked its sucline Overing broken 84 cers, behins du. and by the rounded hungs or buch common to all their specific - below at the lateral confampion of the flukes the abge of the fabrucke is Contrabour mileray delimen the witch and ant. alge of the pulses, aline

from the donnal fin back, the edge of the peducide slopes rapidly downisal to the Chulou - the edge is usually crember more as as . The Edge of the permete is lost on the feelers above a little posterioit de middle- some. what further back than below - The center of the anterior adge of the feeling at misertan at body is 43 land, from Lette Edge of the Federice - tis 33 certy, floor the voitare abye of ien soure place. Tu center de du hungs on the interior alge of the pepulace is 84 ders, from the anis land 196 cen, from notell of flukes. The facturelle in 27 cent, with your in from of the insertency the flelie while is its narround place -The alge of the lower sits inty cent, thuch heren + The marel is a rounded hunch 5 cent Bugh + 27 cent, long There are 2 short fun to po King to the one of the hand they do vor meet and bother in correct of narch - Wis settlet in weder line of belly at the and of the funous The tip of the infer jud on rostun is 11 celiforn the beginning by Ten wholebors - its Edge is Thick & nounds grahually down to sholdware a ky. The eye is 25 cuit above 4 0 cents behind the downer of the mouth - the funds above + believe it as 24 cents long + curre around; antender the ands of the furnows about the cipe are to cent afront + parenty the cause - The cipe of the cipe of the long - no crease believe upe of 2 cents

lokal laugili	1/45-
Cu. of hay	510
Smught age	3 48
u ea	3.86
" blowbre	300
" " food west of pectoral	480
11 11 11 11 11 lorsal	87/
Cyclo an	45-
Il above a an	15-
Eye o pening Ear "	7
notel plus to anus	273.
peries	385
" " havel	470
", portues, dorsal	345
pectoral	705°
Pactore (tip to and moves)	340
greatest breath	95
Height of drival	18

94 greatest headily flushed notch to any Edge) 751 Defil federicle of and en of flutes They'll right blocklike eft of Dreighte anteriorly " posteriorly Herfy of am, sur vlourlies the gill and aftering mes to center of perus and a marel ! Sergel valeer now Every flatt of Valer mendier plates of paleon Defrit of reduce better flushes a ame 110 to see who begand uffer subsult thouse lider James peris buly ,' builbelin anst flukes. The aprocum peels off Easely in great father below it the dervis is a decided blue black home the area framestable that Efsedering has been stuffed becames black asom as reford to the air. 1. Martin Martin Martin Services

A STATE OF THE STA

nos Stemplanck of June 4-0+ Section BC. Color Back, sides, top Thead black - restmuch white on breast - whitecures on rain of moubble but not heavy - very few white cucles in theiras (an ruelian line knowly) & almost nome on brest - There is a white blotch on right side tips of rostrur interweath - (a while patch an one be both sides at duis place selves to be puty fairly constant in all the Hungback have examined) Roof of monde pink - base slave blue as of eight rames of moulder - will of eight blue Rectorale Left, below, show much block at enserting not lovel by and regentilling white for where extent - part elge black to top - from to heave, marked indiblack + white Expecially near body - Right flipper below is same as legt Both edges of Horsal for have white on shew - white between Howlever + along une adge a book sides -Daleen Britles of taxes dark gray - the tips of whole row are light brown - beter bases & wifes bustles have the longitudinal band of lighten gray - The general affect of the finites at a little destance estrater dark-External Characters to burches an and Edge of left pertand about 20 white hairs on symphysis on tig.

dorsal finis falcace - fine builtes on the right ranius have hair on them - only one ban an Each bunch - thicker Theubler 16 cent - Then are 11 knows on the right granus altogether - Tops Edge of the perme is were entirelest perfuele is 35- Cent thick of muselen pluper -Total deligits 1320 540 Ciry brdy Sind to Eye 330 " vende 254 " " fort. wo, of pectoral 420 11 11 is base a dorsal 920 Eye to car 65il alne... 28 opened and only 10 .03 Willy flukes to anux 305 405 1. . . havel 5-5-0 " ... .. fort us. of doisal 395-860 Lugh personal (ty to head radius) 365. 400 110 Pounde pectard 16 days donal Devolity flubred witch to and house, 100 Thurburs plupes at unserting 25 Depth perile at any, user of flukes 86

Length rught blowlish 37

Series fortering 30
Hengert shus. about blowlish 5.

Jengert place 66

Defrit pedenule better flectures anns 120

Fencelyon beyond upper 25
Thurst the tract from 20

no: 16 Humpback of June 4- 08 Sechant BC Color ports sites of of dead black - white and break there as a flashes beaut in median live - large white opis between factorals - only a fund family white fleches wach of pectorals on the Ceft names she are a few white cute near center up to lips out many near type come of month. On cides of throw few white circles - thror are stucks of Aflantes in median enjuly thenat y levest - quite heavy - chin prominent firefair white circles behink & me araye - On the right rances the circles are think for the whole air half - they run down on a cides of throat of breast in median I'me trese que place to strehat speasher -Thistory at the flushes to black above - below ! is in black with a few white crices - white " shots on the and doll - I me skin yames sky blue

Pectado Teff alone, black strongly and with white near posterin Edge - also on Thy very ant, edge are vlute eincles-Kight-aline is juit like lift - helow is a place patch at anserlin which does not touch rether adge - ness of you white will a few black studies & avegore laye ce ce e near a een magin a level beach as hips -Baleen Bases of all busses reed gray-The busiles of did are 2/3 ishire to tips balen busies are white yet -External Characters 20 white have on top of moulderland on hundres of septorames - oney 5 hundres of leftrames, mostly reartifo - for tip peduncle is well cremeded - bung believe arms peubes light - deep transverse crease melion believe penis + anus - deep longitureal treased ion penisto navel - 4025 of duhurho on top of du head he as Alite hairs - dontal fin falcate + On outher side from the Eye to the mit the of the back about 18 miles Wellind the blowlings there is a shallow depression - also and the back surione

the superior Edge of the Scaperla, These se a long low rounded rely trues from there feet behend the posterioresection of the pectoral forhand till it mails the transverse depression from Eye to mille of balk, This low ridge machs the top of the scapelon o consequently the top of the back is not round as one nuglis sufface, but flattend somewhat believe the Shounders-One from sures enforce the base of the feelow from come of money anter remote and edge ly from to Then se for - a crease corhes though from behind & nearly meets at -Length of gan work curred = 340 Jungs -Length reftile (stranger): 143 Braket at top " = 47 11 both love as both ones 1/5 Color yellows & white-There are 302 plates are the balan row of the whole - the 127 40 are all more or less whitish chiefly on the winers side. Besides these 40, there are 88 orbit plates all in the anterior orcharge

Titu row which are streaked to a greater

white only as the way base of fortura slylet event, ! however der are some 15- or 20 while and streeted will bounds of white for /3 of the whole longite of the plate - In this now of baleen there beened to be no uniformity about the position of the strand place and iam itufact dear they were see on the auteur one half - a flate which was bearier senated might be followed by one without any noticable markery, but some most cased the streated plates were pretty well bunched - all the Streak swere on the enine breake bearing) Side of the plate. I'm this whale The levestes were very shite ended their white than any other dhare Exam-On a whole premily agained

On a whole premily agained (Ubdired Wis) and of 321 flates, 24 were streaked with white in barying degrees, but a mally were evide of always on the river side the blick haves of the plates. all the strakes plates ever cut the autemic one half by the

no17 & Humpback Junes-08 Sechant BC Old Back, sier of y head of bely black - welly back bock of pectones has only a few fine white fecles the furnows - the white of the Utimas is much confirmed to the maken dries is in straken mende or olution left names excepting or very tip - Reger rames has a few scattered white circles ( and ) on is whole length Roy of the mounts has thorned an line white palded with light purple - ander sides slate-blue liketto hym + left rance in gettrance will lighter blue - There is a small penis of to anus - rest of peruse black - Stule of lukes black below streahed encel with white - large flesh colour of the center The stunks & aflashes in hudean live of breast back to white spor Pectouls Reguligblack above with scattered lange white store on the 1/3 neares the tips along parterior below to the morely and rage white the Belowingstimbas a large blathe palch frambody balfway towarting - pach does not truck wither edge - nerry fin white except a few black marks at the left fin is like right above & below Halen Bristers dark gray at base - the tips

tops of out of weny eight gray as is the remaining V External Characters - noutr of flushes is pewer - shaped like their pedemete vere erendeted - 5-km en miglipsid top of head beautiful lains - q while having on waytep of nostrum, How hunches and shite hairs + also two small knows beside Plancholeron du right side - Blieben is Unintan ile belly & little on the edge y the pedince above; just och of blowles It is thick + also at I was fin - The hund ander lower surface of the federales large - a deep havivers crease is before + believe anus 1220 Temple On. Hurky 5.30 355 Energte afe 370 11 11 Ear 11 1 blowleste 285-" I put viser of pecteral 475 830 Eye to Ear 35. 22 afend of all

notely pluses to ans 284 in the service 395-18 - Marel 4 95= 11 1, 11 in port, mount, of dorsal 475-In In the stand 790 Length of pectoral (tip to head radius) 35-2 11 x ( 1 and, wiserin) 385-Mundon 92 Here Horsel 24 Great the att plubes while to assist may 103. Vic theckness flushes at insurerin 21 Depth peterde at marriage flusher Reglex blowline 34. Diregue asteriory posterily 25-Length and apening 210 Fengite down toler 290 75 I'm long flate " Depth pedulile Vetry flukes & ancex 1/6 Sifter flow herzout reffer 34 purple throat furous 18

nots Humpback of Junes of Sechart BC. Colon Back top of bedd sides & helly black-On Suemedian Deme of the want action A a little behind the fectorals in a great mass of white - in the ones which this white of or covers the batters of the ferrous are found - anteriorly This white man begain in the middle y the throat - On the sites yelve breast are small white do shes - nowhite on therat except a per small fleater therax is practically all black - some while on other & snout - no white an effrances except at very tip other why a few circles - alwing no white on right side of thereat & breast only away few small while adgings to the folds - right ranus has a peut large scattering while circles all on the anterior one half - nine on the posterior 1/2 - Stub of flushes below Wach at body with large white patches - nowhile promunal tophies - Rong of moule light purple A base light slate blue like the existe of right comes - Inque parper state-blue lett ramus demost white inside 1 Ectorals Left above has on the half of fin nearest body a large black patch which does not touch certice edge - rest of fin is all white with narrow black better thinly scattered over it -

the posterior edge is black - and, black & whire -Oliber side ruffet fen all white mey a few suckered black streak at insertion + at edge of very tips -Baleen Bristles all way white Except the extreme bases of the posterior for the and 1/2 flates which are dark gray - all therest of the butters External Characters - Each whale hagon the under side of til, of nostrum just in front of beging of thate Home two creases like their-These chases are well marked in some I whales of in others not so much so -Blubber thebest on top Edge of federale, back or blow the + at dortal fin -fine blowlish to domas the blueber think up a little - on side og fedruck blubbel is them - The ruderpentary test an this whole is 2 cent long and setuated at the root of the peria - about 35 rather long white hadis on the symplysis of mandible there are 12 kurboson right ranner all of which bear down a single hair in their center - Donal isplightly falcate 1 Top of pedencle es vey lightly cresweated - 6 kelobs from blowfire to tip in center of head all bearing short hair - I while site - glandes top glad not counting center Line from blowlede - The pasterin inserting the

87.2.

fectoral at the body is at the olicran	a privers
Toj the ulua	
Total length	1260
Cir of Gody	520
Sunt to rige	3451
11 11 Dan	395-
11 1. blombre	280
" " fort meet of pectoral	420
" " " " " doroal	85.51
Eye-to Ear	22-
" above "	21
i ofenne	7
Ear 11	2
Flukes to any	300
11 11 penis	390
" havel	525-
11 11 port, and, dorsal.	380
" de pectoral	Fose
Protonol (ty to head ordered)	318
" [ " autiment. ]	360
" breattle	90
Benfirt dons al	20
Bucket flukes (while to air mayin)	1051
Depet le armentem	21
pedurele y flubes	751
Right blowliste	31
the "	3/
Aniquel antenly	8
" haveinly	29
Enn. about ploulistes	6

Tengil analogeng 10 aust peris 950 Report federale beton flubes & anus 123 There you beyond upper 30 muhuber thank funns no. 19 & Junes -- 08 Humptack Jechart, B.C. Color Tophphead, back + sides black - much white in small oflashes, surcles of dashes all over throat & invedion line of breast to fectorals right varies of moulive thickly dover with small white derces from tip to beging of down curre Treformed the fort between fectorals in median line - it is all places when while is Turkert the bottoms of the funous any pink - all folds of belly adjed with publice - peffelt salt from pens to plukes a few falli white decke back y pertoralfor a short distance - Lift ramus well marked with heavy white circles from comer ymouth to life - a bay few faint white circles in top of the ad film blowlike back typecloud Albert of fluters black about tolow will white on and margin - Median line roof of mouth whitish - sides oproff purple - base light state blue as is toughe - de mideright rames is dark state blue - left in whitehow very light Pectorals Seft below has black patch at body your of fin black + white circled - above left fin in black

heavy and with white all over in ungwearpatches - Both fins some -Haleen Busier of and 1/3 an all white encluding boses - port 3/3 dark gray at have to External Chamadon Dup even from none to pears - this seems to be fairly constant in all the wholes - chin very prominent - 23 short while hair on top of Eymplights - none or right side top of he at - back alone eye much soared by bongely the fedural heavily cremboted to see you less the of head! Fine fold to ceres wide run up on left range - 2 creases de le est fectoras - boils pectoroes were very hearief stabled with barna bles for suferior surface - Blubber on top alge pederce - 25 out thick -Tracleville 990 Ca. body 440 Sunt to Eye 265-1. Elan 302 " , of he 204 " port, wir, feelend 3250 690 Eye & car 40 li ame 11 23 Ofen age

notificules to anve 250 1. 1. pens 33/ 420 " fast was donal 300 Richally hard hadres 615-265 Breakt fectore 80 18 Heyer dornal Flushedentel to and Edge) 90 Michies Shile at ment 16 Depth februle at and in pendes 60 Reglet where 27 27 Diregeree aut. 3port En about believe 8 andaleng arus the ferris 8-1 170 Baleen row 205-Lenger plate 53promise Veter flutes & anno 100 Love gove veyor in upper Thingt furnamen 24 Quilt he port Edge of donal 90 Haralis as a well marked bench making It possible to measure is and - port. length

no 20 Hunglack of June 5-08 Sechart B.C. Clar Back siles, top of head black-much white on century therether not inhatting ay furnir while are black white is only on fold-between Jectorals is a large blotch of white & a white sport may white cudes on right rawing while Extend in center of to the Edge ex ele leto en a longe fetele-from Eye to pectare right siste Van white Edging to colle - a white of oran right shire alle Vostreaks in my bottoms of acefold where they and perhis toplutes Jeffer of salt - no while Van sikes of therast theast except white- edging to fold of Studio flushe has and margin white houth Sides Daten surface black - white of its on namel dural fin is beauty market will white along out, Edget on sides -Pertonal - Right below at fast, insertion has a large black faith for /3 levils of few - over while marked with with center /3 pere shining white - with Edges black - Byt fin salve as right External Characters 1 sp pedinske well caemilated burch between alies & flushes is free - jewis bulge high - notely of fluters deep Edge cremilated -+ closed light -

dorsalfin them- 28 white hours on symplying Whatson tip of northern all on burshies - on typ flead 50 cent. back of End of blurrhole is a click bruch of seort agelowhich hair, very stiff. believe blankries at plasterin end is austilia Suglerbund - The Konger bunch in also a litte læger træn a dollar. Senen low bundes on right trans with hair an four of them The felvie home of this whole measure as follows Fig (straight) = 235 mil. (curved) = 25-5- " Right (stranglet) = 25-0 " a hard ferolougation of caillaggers and are looks much like home + con only be distengueled prem it when the where en consend by a little fat, by cuthing, The prolongation at the antelliered an tellegy bore to so mil long. The auteur end of con have in shortest + thekent is a wached by cartilage & ligament to the root of the plus at the jour of curry drevous, where a westegal feiner would be attached, no sign g it was to be found and as I cut the feel alway mart carpiely, it could not possedly have been missed. remained

110 to distribute the second of th The same of the sa THE THE THE PARTY OF THE PARTY The textore has a second of the second Lifey on equal to until countries difficulty of stuffed The Hubber from the right flesher and cut away the sumbring thatter, Enforcing the various elevents of the pectored The formulae for the pholonges is as fallows (See fento) I 2 II 8 II 7 II 3 420 metacarfales 4 clair as tre 1 st digit the one hearest the anterior Edge of the in which would correspond to de human - as du bluben etc, was all cut away with a small knife there is not the should chance that any phalanges were missed The distance that the melacarpals are sefarated from the 1st fledlanges of therespective digits are as follows I = 80 mil

III 94 alunt all du plialanges except IR go the very antime are new the tiparabant go mil apart The first large burdi (largers) on der ant. adge of the fit is earned by the distal Elly the radius - the 2 ud x 3 rd land routed bureles are at dy distal and of the 1st metacarpal & 1st phalange of The 1st digit - The fourth (which is the next ediger hunch to the 1st) is formed by the andy the 2nd phalace of that 127 by The and 3rd 4 ily 7 5th phalanger of the 2 rd diget The reflect is to 70 mil. lengthinglet in medan line) The veriais 565- mil width rakins at distal and = 260 " 11 Alena distacly = 160 " 11 prayinally Curalulus alecranon is 1140 mil. Lundel R. & Allna in position proximally = 330 White R+ M distally = 440 The carpus has no assifecations what revaver in any introde in a Especial hardening of the carpenge company the conforms

560

80

11

65

124

30

22

Length bollin now 1' Imgest plate facein Depole fe dence military but the boxer am Lawleyout Vi minbeld mullerfur

no 21 & Humpback Sechart B.C. June 13-08 Color Back, sides, top of bead, black throat bas Catterd large white circles, while he morely inthe median line + toward smout - Sides of throat + breast has no cucles - white shot belin back of any + about fine fundambellyhave a few ishite fleches on abges - there is serious no white on left rames - penis to flushes faffer + fact - white in bottoms of funous frame Theris warel - the of places black below what few white perchant and white sport insermettitu life of nostrum - roof opmonth partied leght purple & white - base state blue as as longuel - underside both rand are very light statiblieg en same places almost white Rightramus (aux 500) circled with scattering white circles from the to mouth -Pectorer teg fin black above with white concer along posterio Edge on the tip &-Below for is black as insertion tip-certical tuid is marked & afrited black twente Saleen Bristles of afterne boses of all places dark gray - of Up y poster 1/2 seal brown Erterne Characters. I of pedence well comed atid witch of flighel of pen + deep - 22 cent deep - Edge strongly cremeated - 2 to white have on the top of aprophyses - osalle two hans

on left ranue - 5 on 6 hairs on the bunder of the amount at cymphysic The opening of the rudmentary taction is cert texts lie and site by nite in here, hondring each other, & any cert. Long. - donal fin low & straight with a short typ Votablengels 1335 ケフリコ an of broy 352 Sunt to age 410 1, " aar p blulle 270 " postlus 925 of dorsal 441 60 Eye to aan 17 11 alne " Ofen of age Flushes & arms 3121 " perus 435 11 havel 560 " postinis dural 410 I pectural 842 3851 Sungth personal (tip to head wha) Executed pectoral Tocher dorsal meaters breated fluters notet to give chye 07 1 11 thickness pluses at enseite 22 perpets feduce at and feater 80 Right blunchile 30

Just 11

30

Divergence antennes ব -مبعى Hught End, along blowlike 8 Length and a ferring 14 120 anule to peris 310 Ballen how 76 Forgert plate Padrick believe places & and 125 Forter faw beyond reffer 25number therat ferrows 24

no 22 9 Hungback June 13 Sechart 17 C. Color Back tipsy head sudes + bally black - no whitewhater balk of fedorals to Warre lage transverse white spot between pectoralsbottoms of funns belie are put I a small white sfort in war and centeray navel - white on break in morely in small perches to fratches and about dons a white patchtowhile cues on right ramson did /3 - men port 2/3 stute of fluter has ant chape white - no white ances on man of breast, but a few an elevaringly side no white cures on left ramis whatever a few & catterny ones on left side of thrat - une and beat from beging of curred mouth back - Porfojmouth has baseleofly the slate as is tongue - rong

fechstin en center y antimipations el moite roight romes is plate-left romes Suis / lighter -Pealeen-Busses of their whale and dach un queulaffert - bases all dark gray aux 1/3 to top leglet gray - fout 3/3 has a narrowlight gray area in ceiver to next to lig seal Externe choes iles - # Teat extended is who the very Vin lies, is yeary - revised think would read in Rife - 22 white havis of symphysis - 18 hurles life of head right rile (counting model line) 12 bear hair -ail eg muther live have haves - Up fedurale well comelatel - bundlay deli is 45eng + 15 high + double - begins 25 con from tip of segrephysis (hij) have - 4 kurus an begung of valeen 11 " Whores Reft side who head not concerting cevier end-3 fulnous run upair fun half way, flow forten side- blubber on sedes in Which at appetones land rach -Threare 11 Runbars Thinkers the liambar Fearing

Donat fir she the chain waterdges the representant last rile be not consult to a freling C7 8 18 8.10 Ca on C7714 \$ 11 Ca 21 There are 10 cheurs - the fort is small & has destat ands - 3 rd is higher agreeis wet longest spring - 4th is about some height as 202 4 they all decrease rafetly un rege to last - I have withed this orange anaugurent in all by Humpleache and may be gonerhed constant T 2 3 H Clevers Fengelia antimental sheleting is Hofert smiles Rudinentay land sile on right side 'ordey -Rules = Right 15 Feft 14 The terrinial caudal is no higger class a large pea but in judy ossified -There were only 30 expections in the carpers - all time let proximal rouse the name had rearled the Lungary I 2 II 8 III 7 II 2? 3 (verify fine specimen) Total length 1385 560 any bray 35-1 Inout to Eye 406 er er Hundina 470

end to fortune of Jectoral 480 880 60 Eye to car 25-Garage aferra of ente Fluber trans 300 inamyseir 320 350 5-26 11 portinuent daval 415-Pritaroltif to head ilna 85-0 327 11 greatest broadily 94 Heyly donal 25-Flushes butch transchye) 106 11 Hachners at most 23 Tengre right blanker flukes 83 i, lift " 30 Duegene antenty " porting Emmune de our Henrices analaleng arus to life mula 100 1 nterel 225-Length marry sleg 15-Dest between a war 35-Lewill raleen now 286

forgert flate

promper flate

promper heteren fleher vanne

format fer 20

Tulva-aut, fort

eye to aux, edge frie

/or

no 23 Hampback of June 15-08 Sechant B.C. Tolon Left said of bridy thinly fleiched with white from pectoral to flukes - flecks are Thereber just back of Justonal & on sides og pedemile from vulva to fleeles heavily marked with white in places belly and white feeks heaver along Edges of folds - breast + throat beauty marked with white, which runs on redes up to susertion of pectorals - white is very heavy in median leve - both edges of dorkal are strongly white - white encle Parties feft alers, black heavely eineled with thick white circles along pasterin encer look washed and " Underside right, while with black circles at 1/3 toward tif there circles look invashed and " - beath files same-Baleen Bristles bore at hoses are dark gray-Roof of mouth people with small deriffren

flecks in center - base	aling green - inside
reght rouws dark sla	24
Externol Characters	5-creases run an
postin edge of fin a	meetin many acce
	a hairs on symplying
11 landes an left can	us none of which hear
hair - 18 burbs with e	enter line) defrade life of
	in top peducule strongly
cremilated-	
Osterlinger	
Phue	Scafula (cleaned)
Hengile straight = 270	qualit budits = 900 mil.
Peredita (aquamoral)= 160	" lieight : 670 "
	Budgleund fora: 280 "
straight 253	
Curred 250	
Total length	1080
Cur. of budy	
Swant to Eye	290
	3 20
" " blankree	245
" " port mest , pec	toral 340
in handon	
Eye wear	47
" alme Ear	23
O yen of life	
· · · · · · · · · · · · · · · · · · ·	2
notch to arms.	278
notch to ames	300

noteleto mammary slit	3 20
" navel	463
" " port, ini). dored	400
" " peotoral	670
Pectare (tip to head whena)	245.
" " any inserter	
greatert breadch	77
Henfredorsal	
Breakly fleekes and part (notice a and edge)	
Depite jedensk stantent, flerker	
Jugar right blanks	
" legt "	
Divergence outeruly	
masterials.	
and opening	4
11 to and top mules	84
in march	190
Lengte manning seig	16
Deit below	12
Tengel Valeen News	230
" longest plate	65.
Depite jedensk heten ferbes vanns	
Lower jaw beyond upper	
number throat furious	24
	73
Breadth of fectors at menting	84
Ear to and mest. festoral	

no24 Hunfhock of June 15=05 Sechar Be Color Back, nows log of habe black - in center of thorat + breast frama little back of snow to pectorals in a great what blotch - They blokely Extends and an ado to within 16 wiches from being an a level with ensertion of book or studes the cool much in sold with no black streaks, but it is mostly straked wirds narrow black dashis oftwar breast, a narrow broken bank of black runs thru the whete nearly topectorals - the bottoms of the furrour's the their white patch are punh - also when hottoms et funders are peick - almost all the funders have more anders white in their bottoms - just buch of the very large white patch is another smaller aire, refaround from other by the black of the belly - There is little white about the genetation name from navel to gentaling Except in harton of median crease - white shot about navel - many white cures Itule og flukes black below - and morgens white - Roof og much very leder peuple bore light glote - morde right ramus very dock slott & self very light -

Pectarals Left, below, has base at mesthon black rest white barred & sfatted wishblack both edges black - Right, above, all black wals some such rather found white circles an 1/3 toward tip along part, marqui Balen - Brisetis of all bases steel gray half way up + rest is don't gray - to and /2 tops dark gray External Characters Top pedemele weel cremelated done fil has bruk at the - tip seem of toharden injuried 2 havis just backy blowbree not an buck, 14 bundles top of beat bear hair, 7 of which are an those at tip of reastrum - 37 thick white hairs on trip of signiflyies - only for a bench som rights rames except at symphysis - chin very promisers notch og flukes 17 cent. deep t apen like this I bluber on Top og pedenser Blubber on Top of federale 39 Quick Osterly 11 Fundows James (8une) anaugement of chemon san are actures - 3 rd berny hybert of series 14 packs of riles (sure) strafter tempth (straight) = 400 380curved 425 Breakth ( squarmaral) = 235

The steamen does not articulate with the destal end of the first rich, but some destany up the rib on the wind adge. In this whalf I remark the sile + attached starring & carfully cut array the ashering flesh + sinew, (see photo) counquestly being able to take measurements, etc with accepacry. The charmens attentates will the fut rib an the enaids edge, 230 mil. from the destor end og the rich. The space between the riche edge og the rich of the arm of the starting attention of the starting like that between the phalanges on the pectoral, is 59 mil. The ligaries & card lage running allow of butternovement up & down, but considerable books farter as authord & enward-The hattern from Afthe sleven is 183 mil. from the destal end of reblinish Edge) The center of the rounded top Edge og stermer is 3 90 mil from enside Elge of rich - The distant ends of the two by Estrinate, stand 180 mil. apart (in. site algeo) Length of steam (cleaned) 4 15 miles 400 " Bucht 68 " Leight bottom pour 190 " Breach arm (airtes) 110

Rib Lugith straight = 1290 mil. = 1430 " , cured = 140 " Breedith duliely greatery breadity = 175-" Bright propural End: 110 This stemme is strongly concare on the auter side + leas strongly convey " " uner " Bouts arms are strongly curred - brown Scafeela (cleaned) (see photo of he 234 24 greater threadily = 1400 mil. Cupus " height = 960 " Fengel glinois forma = 370 " a caugul companson of this sturmen were that of no. 23 failed to show me any marked differences - in fact now any affermed I could delive was in the super-sergular border which in no 24 has out quit such a regular herrecuelar cure as wh no 23 - (see plute for mon details company The attackening of the stremmento du rely is combon and found it in a number of attess -1550 Total length 680 Cir of body 445 Swart to eye 505. u 11 Ear " blorshole 355-

Smort to fort many pretand	5-80
Smout to fort, my pectand	1060
Eye to Ear	60-
il alme en	20
	8
Ofenny of cyc	1
notch offlukes to ames	340
" " liton's (port end.)	3701
" " " manny slik	398
" " navel	605
" " postwerd. dorse	430
in in or or in personal	923
Tengthe pectous (light head while)	400
(" " and, med.)	
greatest bundels pectare.	110
Heylitdonie	19
Breadita few he grevech to and cage)	130
Depthedurch at ensert. peubes	90
Lingth anns	9
Centamist by clitions	Sq
any to navel	260
Lungth Manning seit	21
Dur beteveen 1, 1,5	33
Fengels baleen reaso	340
Fargerflate "	851
Defet pedencle betier plubert anus	150
Farrer jans begand uffer	30
humber throat furous	24
2	
the state of the s	

On June 2 2 del left Fechant om the steamer "Teed" for Kyngrat B.C. reaching the station them on the manning of June 24th. When I amel four Amplocks same afternan to whaling steamer St. farmere returned towing a Suplantation. Mr. Auch, manager of the station, kindly had the whole pulled and an en sup, + left entil the next moning, this geing mean exceptional of parenney for clare study on the specimen. no.25 & Suephenbatton June 24-08 Colon - Top of head, back hole way to feet-ordenisteen, or about affarite con, is dark blues - gray - throat, chim + lefts, of back + sides from Ear to flutes is a blue gray much lighter than the color on head band of fune megular specks a spots of ash color - larger spots with enequela most part 2 ar 3 melus lang) carer de the stand of alm it, making our almost sold area of ash. The st markings severely enjo and the base of the Juctoral, their

visestian of the fin, along the fosterin Edges to the very median living the sides: they then turn wachmand, the long axes being horizontal. from so to the flukes. The markenys are the sodes of the federale are larger & man seattind than those nearen tou headwhere In the very top live if pederelchan their long axes threed slightly upward rom donal fin to plubes, the top Edge by the pedinele + about a fast down air extenside has no markings - the markings extend antip of back from head to dand for. as a hair and, the themat chem velys book to fectiones and dork blue gray like bed-From fectorals to navel, the beaut is a little lighter shade of blue gray, hading into the street lighter gray from navel to flukes - a line of white flichs & spies run from lames week. of pectardan left side daagovelly down to median line of breast - an bear betime fectorals are scarting dark ash as done coloured blotches - a small mass of these dove colour markings comeroy mouth - thick lot of marking from conver of wants to west, of fections \* Just below it - no other blocking on What or buest - No sports un mediene eine fram namel to benker, but an sides of pedences of

marky our down nearly to mediacy line Dourse fin is very light gray along the authors margin-rest of doud saine color as federale. Inside houte ram of mandable has and. 1/2 white i part 1/2 very light gray - Roof of mouth indigo - Studiog flukes lank slate any blue or gray like head about - below & very lifet gray blue with fine danker warry leves - posteroly curry mind + not getite reading the pasterior Edge. Pectorela Test above dark gray except at tip, where it the aux. + flort. margens for one fort back want are cream hulute - under sede allereau white to curetion - The right fin like left above + below except thather while auteres margin extends half way to ensertem - Boils fines havehad the the singues; they look as it is they had been chewed off - Mr. Kuck says many are in the some con Baleen - chuligo bette plates brestles baleen beaut meet in front by a their line Roof of mounds is indigo + as 17 cenis wedo + beging to seem autilad & The median ridge 19 cent from tip of shout How the dermis peels off very Easily to soon becames darber on experie to and. The whole has a very destruct bleus cast - it loshs as the it had had athen wash of blue all arent - I noticed of that too hours after the whole had been peelled out an the slip, it was dealisty darker show when first frame takely from the Externel Characters There are 24 white hours on reury uplupies / centlany - there have run in tun final weitical leves & cent Abairs an top by head scattering - 3 are on side offester the blanchele - artiers are an the side of top of head half may from blowcorner of house, 7 cent aline eye there is a deep furmar crease 26 cent long o conved - bettine eyex the long crease are Forlin shorter ereasis from 12 to 3 centrary. I cent belonage is a long crease 26 centling conerfuling to are above toursh - The enesog these lang creases stand 1/cent apart antenarly + gapaturally-tur chares run in a & sales from from of eye formand 14 cent. Ear class cent wide + elliptical in shape uis Dong ares poents deaganely toward port miser of fin

Four long evenes run aux of corner of mouth nearly to meetion of fectoral two other shortes ares run parallel aborthese the they sonot come from mouth or reach fin. Danse Feir es low triongulon - the as anterir - the extreme tip has been where from dand from to flesh in their + rounded. Flakes - Top edge of pedende is 56 cent for Jenkes - bottom elge is 46 cent. This fluts are fladed at a shift meline of notes are lap - On the fluter below the edge of the pedente deseppears 25 -Tolds - are under near navel where They sud-here wester is 12 - Power of greatest devening folds es believes pectocols - They are narrower an thereat. Folds are wide where they run upon rance, and denot + beturn politarels there are very narrow (4 was go back word wider out gradually, To that there of belly are wherehouseles the continuat & fore lereast . The

furrous are 2 deep - hittones are same color aptif of folds, the skin harks like coarse Pedunle From danselfin back for 200 cent. the top + bottom Edges and about poulled them, at and evention the edges shope absurptly to the fleshis till they are last air. The Lateral Expanses of the laid - the top 31 cur from the why of the bottom 25 frammatch- The bottom Elge alen it begins to slepe up to the flubes is more gradual of straighter than the top edge - Flukes are placed with mit. edge a livele claver to battom Edge of pedende than top - . . at a lutte augh tothe plane of the body -On the inducide top of rostins are de same rout of deferma de marks as dobsered in the Hemplowhy, only a lette larger () ( Baleen begins 19 cent ferr life of sund the balen row is 27 earl. Just the Edge of such an ilu sides Dix creares rem gum underweally fectored upon superior surface half way to ant-rege. Postefeni alge of fin is bery thum as in first. Edge of fleeked - tower Edge of pedelude ither nearly as their as uffer Penis has Hereases of varying leigths vary from 30 to so cention like - creases

depite runs from navel to feming - Perus Exten did) is leght brown at base & for 1/2 ils length destal /2 is slate-blue. The commerce in front of + osa Bisis of blowbles is 177 cews. in dur - fort. dearete skuer Fengeli(straight) = 5725 and. Breakety (Equanical) = 260 Jano Sength(curred) : 540 cent. Thank = 490 " Relis 15 feft side 16 Refet side - The 16th rile is short x very slewer traight to 46 tentlangt is, of course, rudementary. Vertebrae Cy Wis & 15- Ca 27 = 64 C7 816 \$14 Ca 27 Fourteen lumbors were present tut of the down vertelera bearing the 16 th reading. entary rich ex counted as a lumbar & not as a donnal 15 well be present. There are 27 earlals the terminal henry about de seize of a pea ar hazel unt, et was careford by office white cancellous Tissur + would have been last had drust been watching fait. There caudals was put in a tank & boiled sefacely so the farmela is parelisly correct. The bottom of the 1st could warelean soled, there being too promise known

There hardes were 87 une apart (mide elger) 134the 1st cheman. There knows (our first ) were no far af ant that the inferin median carine to be divided on the next to the last lembar. measurets of 127 Caulal (cleaned) Tippsfine to lower stope centum 950 mil (posterios)
greatest breadth (bet. trans. pure) 910 " 350 " Depite centrum. 390 " (auteria) Readity " Height & frie Chevrous Three are 16 chevrous present & belivery bee 17 th + 18th caulal, on the left side one back of aurities small cheven - 80 that 17 "uiglitte counted. This haef chevian was 6 mil long + 5 mil wide, coursey extendy of carreace internely, of had the regulation shafe + form of a chewran, of Teras embeld in the ligarient & at furtaine would have said steen was nothing there, but I cut it out very carguely so that I could not possely have messel the chevrer (or last conflets one) is compred of two lameral istegelarcircular un thefre, which are not joined destally Exby Cartelage. The right due is 105 mil In queter bette length & 95' mil. queter Mereadoh, The's chevin is dericely between

the 16 th + 17 th caudals & articulates to hath by legaments. The remainder of eter cheurous sofar as al could see were joined by at the hottoms. The 127, chearance is small & free distally, the ends standing about 70 ai 30 mil. apart. The 2 nd chever is found destally & is emplerably larger than the 1st - 3 dies much larger than 2nd + 4 th de larger of the series; back of fourth they sercend gradually is height to last - cheurs dui position may be represented like Scapula The scapula has a large acromin o weel developed coracored process, The acromian is very long & strangly cursed et is under destally than proximally. destat end is rounded. The cornered prevers projects document + is frauelel to the arcomies - it is rounded destally The scaffula in concave externally but anely slightly convey sixtemally-The settler seriface has 7 law ruffer an veins sale radiating outerard from a little above the glerical forma - they reach the super scapelar border. The prescapela form is well morked. The sufrencegular

border is 40 mil. thick of and and theirs down to jound in the center of the again to somil. at porterior end. Their bouler is flattent ain the central postion & down mother the rounded boder characterity blist of manuals of Reafula (cleaned) see pluto, greatest height (q. ferra to sup. ocap caye central) \$40 mil 1390 " " bushth 300 " 11 glivered force 360" Tengol acromism (mehan) " (lower edge) 3300 180 .. Breadthe " destally 1600 " proximally fengite corocald (median) 140 " 90 " " (lower edge) Brenditt " destally Cervicals 70" adas heural auch reas in a thick treangular evert having a bland spine 30 mil. high on the summer. The transverse process rino from the supper harf of the bedy; it is thick & is deneted befored The those of neural and an Enter sede seems a horyoutal foramen 35 mil en deameler, elite de neural carral. greatest breakel 750 mil Breakily articular Sey, for occ. condição 390" 180 Budde " distally 160

Butter open spare betom attender surpares for acc. conseques at trip is 100 mil. - at bottom 40 mil. Jes Ufferelementamente fine om signature forming let process miles and ond ofference which is 220 mile. long diameter, Hacupus a little more than the grax-The name ball of the process. The lamina crest having a blunt ground tip. This crest has anjufundecular auteria wall, The tip downward & backward frances an angle like their This surprise is deeply concer en te median ling. Rivo farmana are a little above the actur perforate the neural enst in the and. fort. develor connecting will The groove in the fasteria senjore. The paragraphyses is sind & heavy flattered ingready of much thicker & heaven han backword somewhat downword axis measurements = 1/30 mil. quater breadile Higher body Breakle " = 450 " Length 2 transverse purcerses = 420 " Breaker dutally : 300 "

Third level - Has the dia- + parafolyses remind distally by a rather narrow mayin Enclosing Baile processes are much men stender than those of de ario & the margine destably is much narrower; the diafoflying is mon slender than the paraphlugues. The two proper backward & somewhat downward. The lamme of the arch are under flat, develed strongly backward, & invest mercely in a bluir spein 30 mil shigh. Founds Cerved - has the 2 preserves amend The of drafflying properly downward, & crely slightly backword! The lanne of the auch are not unted mesially there being a space of 15 mil. between their men alges! The parafolines projects backward & downed tifch Cervical-Thitus processes are unt ented distally having a space of 40 mel betime their ends. The diafofluges projects downward + very slightly backerard; The lamae of eletarde meet mesially in a low blunt reage. Bixil awal - The uffer pircers is long slender, & projects downward & strongly forward. The lower is very show will + flat, projecting downward + strongly formal . The lamende arecent There where Terriso werk fred

Total length	2085
	1040
Que of today	5-30
ment ti cyl	140
" "blanke	460
	805
" port. mest. pertono	1630
	1/2
" abuse "	19
	10
Cherry of cy	4
notate to annex	5-5-0
	700
" havel	8-85.
	460
" pertocal	1324
Jergit jedoral (tipt bedlumene)	2700
" (" auticest)	2651
greatest broady.	65.
Heyler dance	10
greatent bushily flubes (whele to and, edge)	107
Dipile peamer as ains. of fentes	1031
Longels lejs blankare	64
Designe postendely	38
Emmer chang blowbolen	15-
analopening	7
	140
and to center of penis	3361
Levery below row	450
. longer place	100
number of plates Rept 827-8	

190 Depite federale betimen fluber our 30 Friver four extends heyand upper 68 hunder therat ferrans Tengite fectoral tip to bead when 2051 e did mit take detailed measurements of the whale - one love of the plackers, the left, had bun eyran Total length 1368 Tength legt lobe flutes amally = 2451 greatest best (and post) = 1/2
Lyter of Herbes has bare at insertion black - test of flicker sherry white except a nanow black edging on parteria marjon + some on anteria. The other labe is ele The left, ro for as it is preserved phase plube is black will a small engedge. The pastered Edge is scallaged with short deeps emarginations there cremetations are stongers & shallowers near proximal haef of fluke; doctal half has the of scale of short + tipes shorp hold is deept & V shafed like ilus 3/4 web thick -Bustles of baleen have offrend vistles of aut. 1/2 part white to tipe

port. 1/2 has tips dack gray & rest white all the plates of the and. / are stracked with What hands of white, which in the - start and ones show from our side -Theo bolen looks almost like Fenbock, it to so white -27 Humpbock ffine 27-08 Kyngut BC. Color Topog bead, back, sides to dornal black from doisel fin to pluhes sues are placked with white - Large white ander on left range + white marks - Wheel white on this x medan line - hely & sides, to fee to wellow pleaked with white - Whitewall from melia to ama heavely marked with while in father + of to - stun of the below heavely circled with whete, Bottoman of Freeward in white white heavier of heaviery and freik Lest Pectous above whathering siched whetherwhite along the posterior Edge of the Right from below white marked winds block streaks + spots morely in distal one half black patch at martin storal fine falcate, with white an hails Below - bristers at base are dark gray restoyant half while to tipes - posterns

half are group at takes - beturn tipes & bose bustles are soiled white-Touque light blue set slate External characters Eye is 20 behind come of mouth + 23 about - the doubt fin is falcale + setulitana from went humps which is 95 in alis part. deaneter - 20 white hours on Expuflyers, arouged in two patitus or areas offente cadrather, tile the my - there is a sleght depressen between them 17 pures on the left side top of head (comiling median line) 12 of which bear have - top felewell is well execulated Thes whole contamed a of foeters 2027a Alue is a deep anare between the blowhoer which rems up on top agile emener in pront of orapices. 1260 Total length 570 Cur lending 360 quant to Eye " Ear 4151 えをか " blowbole 520 " port unt fectoral 8-5151 , 575-Eye to Ear 30 if alone " Opening of eye

notele flutes to anne	Jou
	330
" " mannayslix	348
n 11 11 navel	5-40
n " " put base danse	410
a " " pectant	870
Leight fectual tip to head melua)	325
" (" " and insertin)	390
Budit perture	951
Herfre Land	21
Breakity pubes (while trans edge)	95-
Daget regle pedende at insert, of fluties	, 80
Right blowling	350
typi "	37
Driegue auteurly	6
11 hostenly	29
Enn. dent blindre	8
and ofing	4
	107
	243
Leugete manney slet	18
Dest between ? "	22
	295-
Jarger flate	70
Deptote pedende betom and of betor	130
Lower jaw beyond wiffen	33
number theman ferrows.	22

no 27 a d' Humpbock Factus moitur no 27 June 29 Eye is setuated 13 mil behand & 23 mine Leave comery month - it is an a rounded evelening - 2 well marked enous alon + below -On topay head were 27 small bushes - those of the median live (camposed of 5) were larger those of the side cauch he camery feet but hardly seen on destal harf of rostrum-Rastinia in a vehafe having the sides slightly bound outeraid & the life blent rounded - 20 mil belief pasteur and of blowbester the reder of the costimus aboutty when and to farm The Sevelling which contains the age -The blowholes are a little below the general evel of the securit of elix head; in from of them is a higher trianquear turnely roundel an top which alopes away raf aly toward stee snow forming a law rounded relige our the rudian line of the rastrum- This rege bears 5-low hutes which make a senis of shellow depusseous as emagneteri for is entire length - The adges of the rostern and thusbeard, + bears & double line of attending kearles - They leave median link of the rostrem of the sides - The top edge of the federale from d. from Toplanker show the cremediting

poused finfaleatt-short at the - kindle an Lange fettingthe whole mounts county its top is broadly cumbalet of divided The stylohyands are gound to the boung en shull by there and . end. to from end she in front of basilizal, being a short destoner from the burbs on the and. Edge og tu boulyse of hed Whe their de confuely dissert the's foreing and familie bestelies formula to be Cy 14 &11 Ca 20: 512 cl ampositud that their is connect - Then were 14 points of relia There were 10 chemis - 1st, free distactings small, and larger of jainst dertally o 3 Mayert of de series - the land cheve could be just distinguished but was for perfect. il famille pelvic barres beel aind inter factors - they hi will the short ends antendy + curve around De root of the penis lette les on nearly all the derival tubercles on life of head.

Osteology no 28 & (cont.) Farens The scafela, just of the bounders 1140 mil Etc were bound refartely -225 ما 805 7 sursens planely-10 Find Rib Hosnished or neck - much 300 " ly, a cross-section of an ellipse-395 " 500 " in the river ed wiest at drivulation 353 .. wetch destally: 1904 timbe: 1130 mil. 715" 17 articulation: 160 hos mue shafe -254" First Cansal has The pained inform the forther artement this worthern would really be the 2 we cannot be the second by the second of the secon . 65-" 1500 greatest Height (part) = 730 mil Height body: 3000 Senfring 22 260" 90 " Similar Breakle = 1330 mil. fenget of coracid of the form to be form to the form to certify the form the certify the form the certify the form the form the form to be formation to be formation to be formation. 174" 170 " 25 80 " 25." 29 29 " 10 4 30 32 .. he 3rd 44th Cerements h 33 cers of the 4th is very short 90 " 34 The 6th has a dispossing to the left sedy a small know helpresenting the lower process. This is but present on the 35 105- " 41 ey are reflue process establis alse free and established the beginning have be carried 25 " 43

no 28 8 Humpback Jude 27-08 Kyugurt B. C. Color Back, Edes, top of head & belly black breat alust lacking while except a few small flicks an melian line + 5 large sold white efots on the folds offorde to each ather, between the pectoralaa few of the furns when say and our beely have deep punk bottoms for almo Hortofopma and he sforson white at all an left rames + only a few white for tender on left side of thurst -On right rannes are a few small white Peris bulge is enclosed by a white langth on either side - only coline ou love edge og pedemele is nie mille Pectories Left, alone black - studdedwill barnacles - helm is beach at menter sent of friend similar and for the with black and destal half-Balen Bustles at bare are all group - rent of and half white to tipo-port 1/2 has builtes at tips sed known - restlight Entende characters 18 white hours on tops of symplypia 6 creams of mad and nack backward - who this Shows left side top of head - four June dond fin jest like 2002 to (see pluts)

both edges does al white - I had the fire of this whole weight to the scales registred 767 Rbs. The One of the testistes was taken which weighed 20 lbs & messeul as Joelaws Length 6 20 weer of large End 5-80 mil Shull Fenger - 356 Breakit (Squamoral)= 207 fam Length sthingher = 340 auned : 380 Richo 14 hours Sides (Succe) Vertalua Cy D14 \$12 Ca 22 = 5'5'(Sene) Chevrous were present the result small and at the begun of the series being alexent - clark the summing flech away wast earfrely will its assertance of mi Ruch, no that it could not have excepted our notices, The chevrons, thus had the 1 st large formed destally, other 2nd this largest of the series measurements of whale 38= 320 26=23 16: 405 1 = 1390 8=62 27: 95 41=130 17 = 865 2 = 630 9 = 3328=40 42=30 18=355 3 = 3 85 10 = 10 29= 38 43 = 24 4= 441 19=395 11 = 3 30 = 6 5=310 20 = 110 12 = 320 31 = 32 6 = 550 21 = 24 13 = 440 33 = 17 7=1000 18= 5.85 .23 = 120 34=130

jaw from now an tripoj uffer // 149 not 9 Humpback of June 29-08 Kyugurt B.C. Clan Top of head, balk, sides, + bely black penis bulge enclased by white white in fately from penis to puber - navel to fevis without white - white spot on named - no white on sides of theory + broant except in bottomes of the folds - large heavy cereles + sfots of while oh thust in very median leve framerpuflyes There continue to pechases but not so beauty the soled white of at bettime fine as present but rother awall & half in bortons of the funno - consederable white in hostoms of furnous where they end - no white from relational exhipt in bottom fasterin adge white - There is no white an left rames - a white patch an within side tip of nastreum below- touque rather doub seate blue ( due of theuch to being and of remenaver sunday) Roug of mounts is feed coloud - bare leghthlote blue - Stule of flutes black above + below - blowbsles have white edges of the deep median Pectous Both fins like - all blacks below except for a long white paids along fit for 2/3 its sangile Baland . butter have bases of and. 1/2 dark gray. port /2 boses light gray - tips of all "."

150 externed characters Top of pedermele well considered in lang waves, bearing war from flutter it is settlet as a promiser hump 126 in and from length 126. I come of mounts mus up are più a litte bezond posteron edge - another runs to and edge of stopes 21 rouled white hairs an infrughlysis interes patches afferite Each aiter in 5- Tuberly an left rances all was 1/3 of fin toward topthe wite shallow traverse depression og blowher is well makel; this weeks with the dorigitudinal defression over falsen hageres 15 from Enougreapula -5 tutereles on enter site of sympleyous notely of flubes 17 deep newon all measurements will be taken from the tip of the refper foro. 1 = 1295 13=410 29:33 15= 540 7 = 5-95 30 = 8 31 = 35-3 - 320 16=408 4:380 17 = 838 83 = 6 34 =125-5:230 18=339 35-245-14-366 6 = 486 34:305 20=106 7:880 39:75 21:24 8 = 59 41=140 23:95 9: 22 42:32 24:22 43:20 11 = 105-27-85narel ? 33 12:300 28:34

su page 153 formenments 151 no 30 Humpback of June 29 - Kyugus B. C-Clartofoghad, Wolch, sides & billy black nowlute left rammog mandes-right rames has a fiv large what circles anous. andhalf. White is in strads on nedian eine of known authoris while is at sprest splakes- une an sulsthe white sfort is between fine, - none a soled white about ferra - a much white spot on ward Flikes block above + below except at very tip where there are norther white cereles of, top tand alge - top of flutes foliate to fact. Edge deaply scallaped - many banacles an all alge detal formand Pectous Black oline with few large seattering white cereles along parter Edge og destal /3 - Irelaw-block fately at insertion - restrubies with & block marker un center of distal /3 - parteres adge bloch t tipo also. Roof of mouth put - have bene - green - bluetgreen feeche in center line - tougue Refer plate blue Boleve has basebrustes gray tops of port's real brown - restlight glay - basen begins 12 cent. from tip of smart Externel characters Dance fin has tip blust exemulated fort edge white 2 topophedunde no.31 Hungbook of June 29-08 Kegupus B.C. persones to farlendem below except a few feathering feeks an arge of tolds -Lange heavy circles of white on throat from ranny to khedian line - an breant median engunder, + between pedands a large fratch of white stucked with black - This stale extends a lette feether bock but the erred white of thetuning fine - cerce on right months almost whole length, beament toward tigonly a little white from ones to flat belier - Roof og mounde og both ramit Vectores Referalene is black beauty anced with white along post. Edge & at tip-3 white cercles wear insertion- Top fin below has large beach petch at western + for /3 fine rest white heavily marked + circled with black -Baleani Briscers at bases dark gray - port. 1/2 bastels real brown & rest leglet gray -External Characters Humps on wends dond is flaced in 96 and - post : dond is liberlie Took edge always Though the prominent Sange 355 gellevines - publique me more Brathy 205

no 31 1-1080 2 - 5-40 3 - 260 4 - 305. 5-- 2.15-6 - 400 7 - 730 8- 46 9 - 19 10 - 8 11 -1 12 - 285 13 -310 14 - 330 15--485 16 - 355 17- 705-18-321 19-353 20-93 21-22 23 - 92 26-19 27-69 28 -30 29-29 30 -4 39-65-31-26 41-110 33 - 6 42 - 30 34-92 43-22 35-2020 36 - 17

38-246

no su - 1285-320 4 3751 6-- 240 - 500 - 875. 7 \$ - 5-8 - 19 9 /° - 7 11 - 320 12 13 - 430 15-542 - 440 16 18 - 370 19 -405 20 -100 - 22 21 quater bue explose ant-for 123 - 105 24 - 240 25 - 22 27 - 85 28 - 34 - 9 30 - 12 33 34 -/26 38 - 307 39 - 70 -/30 41 42 - 35-43 - 70

no 32 & Sulphrerbottom June 30-08- Kyngust B.C. Cola Topogheat, chin, tunder & like as far back as Elge dark slate blue - from Erge to meet. of feter & alramon back + refper sides to a int offente the peris, almost soled scattered places with, illeftered stots having irregular margines - och lower half of relas to perus the ground color is of the blue gray (urt sollarle as head nearly) tracky of the refree rikes the palters as warking are about brudes long dearneter. There begin at the poste hor ensertion of the peltaral turn downward along the edges of the furrows to the ferrished root sheeting in the meditor line from perist navel to peris which is clear gray. From peur back the pedente is alucht spetisely letter granteties which patchet on the lateral median land - from Idoard few to flules the top edge of the pedericle + about a fort does in an either Side is darker fluid gray & immached. just in femosity the peris, there is I hatch of dove colded mackengs -Helaw John Sympleyies to eye, theras is dark of slate-blue like top of bead & has pectoral on the sides of the brian to the

median lus are a few & rattered done colour sfort from fines to navel there are many Mute markings an sides - there do not read median live Except in and place of white markings run backworld downward obliquely untreaching mid ventral line - ale sides of the funous justabere & in flows of navel and many white sports -Vestorelfin above, Hos bones praximas 2/3 dark brownish grang-deitele træcheid light gray except the arti edge which is white below fin is white Dorsal fin is light blue gray-almost while on the aux. Deles of edge to within about four modes of the tip - duft to to to pour -Edge is darke reary-blue, The whole dones is branked with fine vertical cured lines? of dasher gray; There run verteally from and edge downed, nearly to base & then Curre backruard along the play of the fedurale, where they are last a shoat deit. ance behins the fin. Flukes Right has an acumenate slightly recentilis - the and edge is andy shafted the poster Edge is almost straight protemally treng slightly concare in the diseas /2 just beford the teles - the portedge is only 3 mil. deile tis slightly uneven - the top of the leftlobs

156 has been tryend & is blund & inequalor above the fellihes are dark slate blue, finely lived with lightler; there lives run from median lue of and alge acros fin unt at du tips and are east it douber colon of the past edge of flukes. Helant du flubes are very light blue-gray almost white exapt at lifes + port. say edge which are darker - whose undersity lavel wal fine wary dark lines rem fram Dandellog and Elge nearly along Balen-place black with a blunch trings-builds black-wide regle rames dach alate offen balf- lann half milh white-ballen beging 19 from Sunt Oftenal Characters - howertrical nawry 22 soiled white hairs an symplying - seatterny hairs an tip of head - thelenes thubber on tip of feducide is \$42 - 5 creases at base of peter shead - median crease from new totplenis - Blubber 25 bit Ege & fine - The shoulder blade does rest lie honganted to the agen of the body (see plusti) I the posterior End is lacker than and End making The langaries of the reapere slightly oblique to that of the broky Cho in all the oilestuf. plumatelles) The faths between pectocals as 36 mil in which on thurst 27 shil - just is

frait og nack 65 mil. wide - a median creare 27 Lang between blevoles rues from antendo not quite to part. and a no colar in blowholes -34-145-23 - 1/2 1- 2170 9-20 35-341 10-10 24-270 2-1000 38-438 11-3 25 - 217 3 - 450 39-102 12 -610 26-26 41 -198 13 -757 4- 560 27-111 42-47 15-950 5-410 28 - 50 43 -82 16-5-00 6-740 30 - 8 Jangely Jewis stert = 110 17-1445 7-1655 31 -32 21-22 8 - 119 22-440 33 - 23

no33 Ruephurbottom Sex 9 Jame 30-08 Rayugust B. C. Head, top, dark state back to offorte the insertion of fair - back + uffer sines to aues blue gray. from pectoral to Eye a line of small this leght gray safeta - in frant of & just alone for the light gray is sold - Side of federale from and back is almost social eight being gra from friet and on sees much made light color than dark, in some places the light color being socie - Thront & break to frectorale darks slatt like head no markings to fines on theret or breast - from free to navel lighter slate blue - many done caland markings on foldow sides of bread & belly from fins to navel from navel to gentelia man left bluid gray markings which do not quite meet in certer ventral line - the Englis group markings come down dong the part. Enda of the funows t turn bookenand just before they reach the median line - are sides long ages of spots are face + aft - On siles y believele just in

frank of ferbes and a man of dark gray marking. Pectares above faut slore aux cege of series and half left grayish - top white - Below pure white the sach color of the preximal and aff anterin also executes a live way are out therewelled of fin- Lift like refer only life has have enjured Daniel Daniel Low + falsie - ant Edge is light gray-almost white, earlier at tity & parterior eage - fin is mould with fine curred light lines -Dalean - hegins 17 from top of smout - balen is black as are bustles -Fluker notele 22 deaps of either dein V Fluke in englit slate above junely lived from and Edyl part. age from notsle to lip is dach slate -Below same as in no 32. just. Edge a little ragget ar uneven i slæfe jud like Ronf of mouth - black - tongue light purple usid left namus very eight blue - almost External characters One harrock auflity below just at the side of the worth - 13 hours right sue top of head - chin is 95 long + 17 will; prom sympleyes download for grant. It har a low melian redge - 41 would while hours on equiplipes none on ramus manual The seeds containing the manual are premise telm - Fach mennag crease is 17 tony

tanthe winds of each in a cross or ferrow 30 long - de test is 4. from anus & very shipting behand raginal ofening have not roused about level of body - a shallow depussion runs from melra to navel -1-2030 12 - 595 25-- 276 41-180 13 - 630 26 - 24 42 - 37 2-1050 27-105-14 - 640 43-78 3 - 430 15- 915-29-5-4 4 -5-30 16-490 ? 30 - 7 5- -390 17-1360 33 - 7 6-15-40 34-93 19-298 7-700 30-- 323-20 - 77 36 -17 8-106 21 - 19 37ー251 22 -460 9 -- 22 38-435 23 - 100 10 - 8 39-100 11-3 24- 270

no 3H Finder of home 30-08 Kyugust B. C.
Coo Top of heat and book to a pour official
the named is may land state the angeler and
close of the major side top of head to hat to eye to
from eye to bland less is light French gray;
this liftinger extends from eye to find your
alent from once to flaches the while he

is light French gray. On the side of the look
exactly like the gray machings which look
exactly like the gray word them
of the home a central things which look
exactly like the gray live painted from the
like their

Below the median line + laure half of series of body from symplying to peris is fine shining white - the hottoms of the lower half siles of durant berears and of the are down slate , but the folds are white - the ventral partian of the threat to ferris has the folds pure white & the hollows of firmeres frink ar flerhesear - fram misery of fin diagolially backward & downward Ex The upper hand of sept side of the target rame dun to meet of four is doub slate alment block - from fin an uffer ander alment official the back close of the back shades off with a very doch sefera. This was turnshales The higher gray comes of the sides comes for the light gray comes of the sides ventral median len making this ventral line of white narrower + norrower Right side has top of head (as described) & entire right rames light French gray - hert of right side in life left -Korfaf mouth light weekt tought light slate ben inside eft rance upper hay white - lainer light gray - winds right rainer dunk slate Flines Bream white; port, Edge & auterial us dark known- dem dark slake - the witch is 17 deep + the sides overlop Each other

Donal Fin is high + strongly folcate - it is tack gray or state lety back Pertone Filis Three from one down slate leke bych - and edge white and fin below all white The fort edg of fines very their loose; it enses only (See plator of fines) Balcon Supposite - outer edges of halan plates lead colony the lead colon extends in a languardi al bould from bose to tip of flote & along outer close & is about one inch made wice west of plate is yellowish white. Each white Right like The autern fortion of the best of this side is like the left. The langth of Au auterin white faction is 81 - The busters Throughout are prese white-toleen begins 15-from tip of smit. External Characters Bluben on side & which Perio bridge has two wares extending backrealing the arms - ames is an elly tice offering 24 long-The namel has a a space the well of four folds of long in front which is smooth The fund of the belly and aluftly just offorete the midd of the namely The ter concare much supressions on termen side of the life of the rostin just in front of the beginning of thebalen were present table The center of the cyc is 11 behind corner of month-to blankers - it is exactly the length of the blankoly. I counted 12 chemins & one or possely two mon should be added in the fer coulde while were ent off with the fleshes the 1st cheum is very large - its hæmelsfin is the muest (and, -fort) of the senis hur is not the highest. The officer of the 2 nd +3 rd chevrens asthey he est faction are dry higher of the series - the two are the sawy height - the ferris of houts au nonour (aut - fort.) than no! Thus we 14 pers, of ribs present. 16 lumbar + 12+ Caulals Ey D14 \$16 Ca12+ (their is certainly convert) The shows Tengila (straight) = 410 Budth (squameral) = 206 straight = 400

When the westernae were being tom afair by the steam went as the carear was cent out, Instead that sweepe of the westernay bodies terminal epiphyses of the westernay bodies would inthick that the whole was formy. The stermin of their whole was a Vilafal larme process of this transverse

fureesses Each hearing on its upper edge a high rounded enumera de loke - betirmtheir lover is a deep, harrestre shafed afering-The sturm attended to the distal ends of the 1st part of ries - the Ends of therebez fit in to sa angles found by studower Endes of tentransvers processes and the vertice species or process. The end of the rule is somil. from the sides of the mention perces today the stimmen and the refer side of the dutal and of the Auch is 20 mil. from the lainer adge of the transverse Jeweers-(There measurements were taken shoutly The restate was taken out of the whole) The nite is tiffed with car. ilage, hur attienestien ti ilt sturmin is by legaments & not by contrage as in

Sturm greatest breakil = 550 mil.

The few ris is flat for its entire length of strongly curred having a single pointed head, a long slender neck, & a sentired technical - rise is wisest at the distanced Rich Length straight (talender to end) = 983 mil.

Curred (aixo) = 1114 mil.

Sentile at dette cut (greet): 150 ".

Sentile The accomion + conacoid project alunt straight surtural

Herefort (g. formet edgealers) = 650 mil.

Breatal and forma = 1/10 " Fangut conacoil: 160

First doesed - Has a sprine due and slightly backward just at the rite of the faction zeggofoflyers is a prominers tuberey an either site - the transverse process projects bockward and downwood produte = 350 " Brokets " = 285" " Frist bumbon (masumuts an posterior end) Height = 690 mil. Defel bray = 2/0 mil Breakth = 1020 " Breakth " = 290 " Feut Caudal (meanints an pastin end) Herfit = 690 mil. Defrits body = 270 mil. Brudits = 700 " Breadits " = 3/0 " The enferin come of the feut condal is withing fasterious and practically about antenally; the tubules for that attribution ag var feur chevran are arrall. attas Has a transperse perseus which of our ord mer in a spine zomil. high Henger: 360 Height hody 1255 The have of the Breadite: 580 Buddt " = 270 neural arch on Enter side is perforated by a honginal faramen as in the Hungbock & Luflus hottom axis has an uffer & lower process which wast destally by a wise margin Enclosing an arol foramen or agenny which accurred a little more than they proximal half afthe percess. The larner

proces is much thicken & heavies than the affer. The lamina of the auch meet it a mide aground creat which is grand are top in two places formy bettern a low rige - The tono transveise processes project strongly bookward + new slightly downward The 3 rd, 4th, 5th & 6th connecale have an uffer Haven transvere persers which are found destrely by a narrow margery - the arches of are the have a sour fine. The yet correct alove has only a unde parapolitysis flat diefoflusis + ur '8' - 83 17- 1130 28-42 3**9 --** 83 1-1670 7-13 41 -180 29 - 40 18 - 223 2- 750 10-9 20 -4 42 -40 19 - 209 3 -350 11 - 4 3/ -25^ 43-58 20 - 48 4-430 12-470 33 ~24 21 - 39 5-- 305 13 -600 34-135-13 2 - 87 6-5-601 155 35--3/0 27 - //5-16 -3951 7-13001 34-335-

no 35 duephuntettom of fully 3-05 Kyngrot B.C.

Colon a very eight whose, Top of head to eye it

light shate I eye to fewher on back, all light

blue gray about while thou plainert an a few dasher

mornings which show plainert an about edge

if pedench to an extens just below dorsal—

bely toward is blue gray mould with

the lighter of the back titles— From frim

commend to back titles— From frim

nexting in the median lineare many

love colored markings— live are a put

of these marking on the breast (center)

of foster the eye— The sfots which commends

commalong the partition ends of the

funous med in du louver mediais drue from marel to predendum I angue blue - minde haily raum uffer helf white - lower half light here gray - roof of mouth black -Belem black welling bustles - balem beguns 20 from tips of smout Flus about her gray finely lined with darky If which is down I very their - The De Below fluberoom light, Juley level with docher-Danal Fin is blum has been unjused it is aney a kush as build y looks lehr Pectoral Fine of Fin obere like head - box a few sfits an markingson proximal. half - Mudurate fin is please colored with many gray markings on proxerval their there maleings mostly lake the form of fine lines rung from port. Edge haef way across fine -Replet fite same alone - below plesole colourd, will long namm long itudicial graylines turity near the anterior edge and all distally the dark color of the effect surfact rems user belin on the Tant. Edge proximally -External Characters The under vertical row

og white hair ou symplyers - blubber very for noft - tur mails) ( on they smout ! Folds an theret are 40 mil. will between fina 55 mil. wide 4 at end are hetly 85 mil will. Jennoar 30 mil, deep. - an hamacle sear on right life \_ This whole contained fetus nossa q Jano Length straight = 5.951 Skull Length = 610 Breakter - 297 There are 16 ossified chevrons - the usual first chemon is not present, + is represented by a notule of cartilage an each only only. there is wassification whatevering it The funt de chemon of the series are large t not joured destally; die tem lamina farming this chevion are virt apposite coul other the one on the right side is halfils lengths behind the are an en left-The 2 wh drewon has a well marked spone; the 3rd + 4th are the same height and try hie in position, the shighest of dut series, although their of the 4 de is no longer than that of the 3 rd, it is much bender and posteruly Only 14 per. of rebs were present - dixarrived boits sids most closely when I deceaned this, is that there is his formuly of much - the last fair were long, the usual short tersmil pain being the ans which were mess Cy D14 \$ 15. Ca 28 = 64 (sur)

27 - 115-1-2390 13-730 33 - 17 14-750 2-1170 34 -135-15--1070 3 - 5-20 35--350 4-640 16 - 570 36 - 30 5-- 440 17-1590 37 -40 6-860 18/ - 345-7 -1800 38-520 20 - 85 8-124 39-102 21 - 9 9-18 41-210 23 -130 42-60 10-12 24 - 245 43 -80 11 -1 26 - 30 12 -6951 greatest basedity fleshed authors. = 140 Sulphulater no35 a Q Foetus from no35- July 3-08 - Kyrywork.c. The autoria convex of the eye is directly Pedende Francis ams bookerand the uffer Flower Edges slofe andy very gradually toward the flukes - they are almost parallet - just in fraut of the meeting of the flukes the two edges turn abundy to the fluter - the destance from the worth of flutes to dance privis contained un total length 3/2 times. The body is widertara pour afforde dy The of the few land back - blowholes on the bighest part of the back - The autend of reappelor is higher than posterin End when imposition - the caracoil + a srow. - year of human missing and poly-15 pri y rebs - 18 chevrana

Cy 15 \$14 Ca 28 = 64

1 - 1930 mil. 11- 1 mil 23-140mile 37 - 35-2 - 870 40-193 24-290 12-640" 41 - 15-25- - 290 3 - 325 13 - 660 " 24 - 40 43 - 69 14-680 4 - 450 27 -125 5-260 15--924 28 - 40 6 - 630 16 - 540 29-13 7-1400 17 -1270 20 - 8 31 -35-8-120 19-300 33 -3 9 - 9 20 - 70 34 - 10 10 - 15 21 - 25 31--290 22 -390

no. 36 Suepherbottom of July 3-05 / Lyngus B.C. a light whole - The top by bead to offende con is light slate color - fram Ear to pluber on bouls + pur abore fins & forward to eye is a moss in some places this mass is soud - These markeness sweepress over the base of der fin + turn assurant along the edges of the funcions to a point about there feet beyond the tip of the prin laid back, where they and Ren of lower harf of sides to fluter is places with scattered places with scate blue gray; from a little believed arees on sides there are new few douber markings + these cease allogether good about 3 feet in front of mening of flutes - the The things of the was back on sides of pedende there are some of exactly the Live markings as were the the Friedrick

which look like the knots of wood - from navel to mules below are small migular markones, menglight gray, amost white. Thurst & know + lips, to allow the head-rest og bely is sike fremde, light blen gray-framter insertion of fine running obligad backword toward toward but not meeting sin, the median live are realtery dave colourd makings, with now other, a sto white are - there are a very fine dere colour anes on the breast jus in front of mention of free From doesne fin to flubes top adge of fedurale is entirely rocid colonmarkings whitever Flukes - light blue grong below, lived with legite him, almos white. above wer of he al (englithede) hard with lighter with 18 deap l'Estantes aline slate; aant. Edge white foi distal 1/3 - 4 markings on top at meeting Below for is much white Dansefin is only a rounded redge who the bettoms of furrows from a pouringforie tip of gut buch, all pinh-rent of are the funous same color as bels -External Characters noich of flusher 13 deep - medean evene betend blow lives any 38 long. The text is & long - ies tip is divided with small funge like known

the opening in large commendent about the End of my little pinger - there are 19 hairs on - dre superflugios in the two metres nows - the name of 17 long. Osteology Sheel Single = 5-60 Bright = 280 Scapula Immunique has sever from white vein radiating from officie Boundage of acromin upword. The supercepular backer is plattered in the certile parties + deps sharply down word to the gland Edge posteriorey. The diff to the corocord Edge parteriorey The account projects and sleghtly down-The conserved projects downward thangly in The suferrapular edge him outward very slightly thees making the outer surface of the scapula a little concers - Suferscapular edge is to multick posteriorly: 15 had in medal + 50 mile thick antenancy. L'aprila masementa Height = 930 mil. Briskoly = 15-00 " Lingth acroning sudiand : 470 mil. Breatile glund forma: 3 700 .. (lower edge) = 490 " Prescapelar faces and spinewell marked coracoid " = 130 "

gas to peint of gestatish of Hullybocks of data in re-172long from a funflish - on the latoffund a fitter & well long nos taken - & June 13 a faitur about 18 maly lains Was taken - on June 27 a footure 45 miles Long taken - The ealf must be from 10 to 12 feet long when tone, according to the origing cultures - nothern thanking that by create which contains the factors 2 indies long, band about the first of april; from april to July is 3 months The growth from africe to July is 45 ludres willich hunder 115- wichen per mouth - Suffering the calveste be 144 will long when hain then the mosting would coly young for about 9 h no. This hate of growing is perhaps a evote too raffiel, making the pendly gertale alralet 12 ar/4/2moules On June 16 a carf 25 fait langerbuch was still suching was frield with the mother, This talf ment therefore had been bour it why are prestone

neasureres of no 36 gainflum.

29-63 1- 2370 11-3 30 - 7 12-640 2-1070 31 -45 13 -690 1 - 5-30 32 - 32 14 - 710

-650 15--1030 33 -10 16 - 505 -450 34 -119

21 - 6 - F 30 33--370 13 -122 36 -38 - 18-15-7

26 - 26 5 - 120

37 - 37 41 -200 42 -36 43 -80 27 -190 \_ /6 28 -65. - 9

greatest builde of plubes and to just charles 129 The laws your ford get the meanings

Hungbook of July 14-08 Kyugut B. C. Fength: 1200 This whele had a very share upper your as rooten

Humfback of July 14-01 Kyugust B. P. Fengil = 1260 I have to break nearly to navel purculate, - only one artino black tasher in the while area t ane fold ammedian line is black.

Ten chemons - the first small of me distally the 2nd very large I almost as high as 3rd which is higher of the series - last small + free destall 14 prisones Cy D14 \$11 Ca 20 = 52 Feet The falt caulat seems to be compared of two and your fortiers but it is not certain accomple to count it or two. In all the whole of han to be a frequent aubeylasis of the terminal vartebras rometimes being in, interestime formed.

Humphack of July 6-08 Kyngut B.C.

Fengile 1330 Very live whise andered

+ heart exceft in hattoms of function

The hump of their whole was promented to the

source fin premierion— extention

Humphack of July 6-of Kyrgust B.C.

Tengel 10751 Back side & belly black —
white only in median live of themore beaut
to fectories - white of or between fectories.

Hungharbs of July 6-08 Kyngut 13.C. Length = 1220 much white in fleche below from top toplubes white on sins of federick in fearboot cucles -

Humpbook of July 11-08-Kyngust B.C. Sength = 1/651 - dans frin like The

white an hoite edges

Humpbock of July 11-08 Ryugust B. C. Sength = 1090 - This whole was mother of no 39

Skuel Length = 295-Breakth = 170

Jan straiger length: 286

There are 10 chevious present of which the 3 2

so bushers of the sens - 14 pro. of ribe & 12 lumbars Vertetral formulas is Cy D14 812 Ca19 = 5.2 (This is absolutely sung a terminal kush of cartiloge was pursur candal but containing no ossifications where the form of terlumb cartilege Humpback of July 1-08 Keguguer 13,C.

Leagth = 1160 (Contained affective 9, long Skure Fangile = 320 Jan Langier Strangler = 3/0
Breakile : 190 Jan " curved = 335-10 chevious present - 3 rd largert of series 14 pro. relis Cy D14 Z11 Ca 21 = 5-3 (absolutely seem) termined cambal the sign of a fea but fully assignedoseified-Scapula Height = 76 Breakity = 1110 " general forma = 290 Dugity corocaid = 50 The min surface is strongly cone and the 7 outer much sero strongly convey-the sufer seeprear border is Eveney convey the hapert point being nearly in the enter the forest hy a hard well strongy downwood & mineral.

176 July 1-08- 1 Sympus Hungback & Sungth = 1340 (contained a feeties) Fluhed ( The tate ) = 373

Tegre = 217

Right ... = 217 Hunfbock of July 1-06 Kyugust Lougth 1090 - Flutes above below black with a few white oblique markings along par. edge + attif - also a few on and. edge of destel 1/3. - and Edge is coursex especially toward the lip - part, edge convex from notch nearly to his which is course - Edge engelowly scallofeed Hunghack of July 1-05 Kyrogust. Lught = 1290 Fryik This whole is entury black below exapt for a little farm white in bactoms of foldo when they end i them are 4 whitereles on the very chis -Hunglinch 14 of July 1-05-Kyngust Ferryter = 1420 dreig heavy whate-letter white on the talles whe on theast to Hurstrack July 2-08 & Kynguri Length 1/45 - Lowery black - unly a way letter white an median line of bears + dicar white & for helin fine \_

gedrat 13.c.
gedrat 13.c.
whole's fram famint - to may 16-0? 177
coveraged 5 the one fer whole - 25-6 gallow
to the time - 9/2 eles per gollon Hungback no 3/ \$ page 29-08 ldguguror long with a very thout head - Pectarals abole + below pane white - above have a small blooch hatch at suchtion. Hunfbackono3/b. June 29-05/kgrynd B.C. Length = 1350 - 21 Whire cues anchi Thurst, but only a little white in made live of breast - white spot between fires no west as seft rances - top of bead, back tely beeligblack - dand fin ma prominer being 130 cent long - danal 30 cent lugh - hoth else vlute alrand the perior removed from this whole and cutaway the serrounding forand flesh from the penis & police bone's take, care mito elique the allactiments of the latter - The interin wew of the penis bare / the surface lying toward the bock have) shows two greatlegaments (very lough ) which branch fresh wear the office base of trongan these branches are 3 20 mil. in length, thei pasteriai endo stand 500 mil. afrait, and the and - Ends when they start to branch from the penis and zomil, apartin the medean live of the surface of the pener extending dear to the root & between The two branches is a rounded redge colored mails the course of the wrenary canal-

certhe pasteresi ent of therebrandies on Enter side & connected to them by begannen are the pelvic banes - There is a kerby cartilage an Each End of the varies which naket diem seem much longer that they really are - The pelvic borne is only connected to the penis by ligament at its very posterior sudthe remainder of the bale of Embedded in the fat & peril about the perio, buy has ur legamentary attathments-The bound on the gent boryoutally in the hody bustedse the short and Exias Ends somewhat further in toward the spenal columns than are the parteria end their try lie a lette Joblequely to the general axis of the body - White the abox. That arms of the howe are Aleforty curred acturant or docturant visitanted the autist of the body. He porterior ends of the pelsic banes as they let in posite on lare 540 mil apay The Ferry. and are 600 mil. apart.

Jene 7-08 fellag Mu Orentrag britis 6 whose -

no 1a J. Subersbelly black - and belly back of peclar als no r line whatever iBook hami of the marker wices heavely with wein- from the sunt to between the factories in median Quie partulally charies much white on the thing they him as small lady & Lather, buy on bus and it is Long strake - the white are a lage of the directly between feet Pactores del A shining while below Except a small black fattle at insettlir-de forten edge and top have a namm back Edging · alre oge vaa - Both flefter are the same below - Threat formal and 22 the muncher no IT sike of broky black - thirty broad back to about 3 ft, frank name es white dashed will barad be ach atrentes By fortoral harring error black traced at constine below which faxenish length of fin - new of An below darked withhead along Suttlemen ed of + tip shiefly - both ely black - Right fin black aborelia

cucled with white along posterin Edge. the whire circles are mostly conquesto the 13 of fin at tips - white firm arms to flather 10 foles no 30% Siresay Ovdy & hely black- 2 white efits at nobel - the chitchinais of breat contheavy notily in lects to plasty The white side in a large Volafed hat de returem je cloudy in median leine - point of W is backward - in the buthor ey the furrous the arms of dir Var Alement cream on life of file it is freme white -High fectional above has no while an it whatever built is the chey sluther with barnacles - Legt fin below has a large black patch or usestern - restoy luich fots & lashes of black beath to haveralong up and holf of Relyblack Wash of fections Stri der Scattery while flech, on the ages of some of the freda love above of perines black Sien of looky black not much while on iteracticas - mostly confirmed to circles - Right pectone above is

black atting fortein adja for while Bengiling fite - black extens to middle + is hearly and great white - andarin half of fin for whose laughling white chick while black nosal Thank & heart to fections are fleavily market with white in straks + Latelus morily - in booting of funnished duft crown theoles are Balenon ever - belly to fames us heavily fleshed witte Whitealing adges of the follow great wary of hamison alming ferris Right pectored black done deanly and withlage white cuces no 6ad of orlein sige-Sies black - beer beach Except for a few small flechs of white along ages of folds - an sides The conser - where rem dain on center of breard affection as hunt not any sites of heart of cuff in a per places I Reget fectoral white Julan with a few Hack cercles on the 1/3 toward of - Judurde from penis to flenched popular rack Sept fectoral black above heavely and 20 therat furnity June 161-08 Sechant B.C. Tolday there wholes were but which I did not describe & meaning, theywere all primales, two old + and weny young - The calf was 25 few end produce surling on we found the met glands well developed of full of with in one of the ferrales! The edly was very fat & had thuch blubber; its valer had the busters of the Extern bases of the flates dark anay + all the rest from out , to had her while wallow an apay shading whatever - The abcoluent was ambile that of Ele after chases - it was a legter brown - perhaps ent ils diet of with 1 The much spands of the fewall be along authorizing of the ventral line of the body, his ale ver spianelle the auterin cuts are much further afait durien farteur. The action of the parteur and the auteur. Ends of the glands be 77 and aparts

Staffer and being 18 cent afant (inver adge in book cases) From the formand with the much gland; they turne leas numeros le auche much slike glands are a light buch-red, & when dit mis, the flesh earts much like the lungs, except for even, humen swall vessels, which were just of ruch our thru in any direction. The gland measured as follows Total luych = 137 cent 4'6" greatest weath aut, and = 25 " 8/4" " portice = 42" The glands brok like their as duy die tu fautini; and, rul externol tex textaliend The thuckness the gland is about 12 or get cert. They were worth freely much

which ran presely when the gland was
broad: The much is white I looks
bracely like very rich comes much
detasted & found is some & a little acredthat a deceptibly while who plane is
can be coxpreds it by raying that is
tastes exacely as where since of it.

Our of the last seven wholes my of then have been females - guil in contrast to a stant him ago when in got most all males, as Caft. Balance tell me that mostly all the evenues for a week or tur of aline are brilled from the school it would affear that at certain and the year the malest bemales expande + herthy themsely when the whiter has preced bee the whales from a solost ar fuglitured there array they have rip ourthy heed, The active large Herral had a follow in her, as large as are de took from 10.22 alout 18 millione

June 17-108 Sedwart Fine wholes traday all fernales -June 18-08 Sedrant Form wholes today - 2 males 2 femage one of drew females me as well 51 feet -June 22-08 Section Fire Hunglooks today-four g tone & Tow of these had a great number of white flicks aland the Fixe of a half dalla feathered alerging feen fectoral to flukes - one arter hal a gleat there last wholes were are from a different school than

the arters which I measured -

186

1907 fecom's Catele-Serbart 73. C.

Shumplocks (Fib to any monty) 76,24070

Sueflumbothus (any ties Feb ") 15.2670

Thubacks (it any time) 8,2170

Jerm (march) 2975

3 fferm year before
Total cateler 34/ whale

alchreis

End of Humphork towner 23
Sufficient towner 25

End of Humphork towner 25

23 Sufficient towner 25

24 Finbork 11 1134

188 A. Junton & Eal Cove Bonavisto / Bay newfoundland T. n. Dereson 626 Renferm net ofe numan + co Gaultons newfoundland partengueges (cleaned) 80-0 lbs
1 pulare printy Humpbook weight 965-elen 1 pertone fin of Hungbock 13 90 der. eng Weefred 767 llea

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